

Appendix G-1

Phase I Environmental Site Assessment for

Property TMK 1-2-003-012 (por.)

(This report is included as an appendix to the Phase I ESA Report for the HART City Center Section. Please refer to main text and other appendices of the City Center Phase I ESA Report for additional details)

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Revision 0
PHASE I ESA REPORT

Phase I Environmental Site
Assessment for the Property
1-2-003-012 (por.)
within the HART City Center Section
Honolulu, Oahu, Hawaii

Property Owner: Yung Soon Tajima Tr

Property Address: 423 Mokauaea St., Honolulu, HI 96819

Honolulu Rail Transit Project

April 2021



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1.0 Introduction

1.1 Purpose

The Honolulu Authority for Rapid Transportation (HART) contracted CH2M HILL Inc. (CH2M), a wholly owned subsidiary of Jacobs Engineering Group Inc., to conduct a Phase I Environmental Site Assessment (ESA) of the take area within tax map key (TMK) parcel 1-2-003-012 portion (por.) (herein referred to as the subject property) to be acquired by HART in support of the 5-mile long City Center Section of the Honolulu Rail Transit Project (H RTP). This Phase I ESA was performed in accordance with the methodology required by ASTM International (ASTM) Standard E1527-13 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (herein referred to as the Practice) (ASTM, 2013). The Practice was used to satisfy the requirements for the Landowner Liability Protections (innocent landowner defense, contiguous property owner liability protection, and bona fide prospective purchaser liability protection) provided by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) all appropriate inquiry (AAI) Rule (40 *Code of Federal Regulations* [CFR] Part 312.10). Furthermore, this Practice allows for the identification of recognized environmental conditions (RECs) affecting the subject property. As defined in the Practice, a REC is:

The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.

1.2 Detailed Scope of Service

CH2M's scope of services, performed in accordance with the Practice, consisted of the following primary components:

- **Records Review.** The subject property and its adjoining properties within the Practice's designated radii were evaluated with respect to their potential impact on the environmental conditions of the subject property. This evaluation was limited to reasonably ascertainable data and records from the following sources:
 - Federal, state, and local regulatory agency files, using Environmental Data Resources, Inc. (EDR) databases.
 - Environmental information from HART databases to evaluate recent releases discovered during utility relocation work in the vicinity of the subject property.
 - Environmental plans and property title records from subject property stakeholders.
- **Review of Historical Maps and Photographs.** Historical maps, records, reports, and photographs were reviewed to help identify current and historically documented environmental conditions that may have affected the subject property.
- **Walking Reconnaissance.** CH2M performed pedestrian surveys from adjoining accessible rights-of-way. The pedestrian survey was to survey for (1) visible evidence of potential hazardous materials or petroleum handling, storage, or disposal, and (2) other potential contaminants or practices that may have affected the environmental condition of the subject property. Representative photos taken during the site reconnaissance are provided in Attachment 1 of this Appendix. No samples were collected or analyzed as part of this Phase I ESA scope of services. CH2M performed the pedestrian survey in January 2021. The evaluation of adjoining properties where

rights of entry were not provided was limited to readily observable areas from along the subject property boundaries (that is, CH2M did not physically enter adjoining properties) or accessible public rights-of-ways.

- **Interviews.** The subject property owner or subject property representative was provided an interview questionnaire regarding previous and ongoing use of the subject property. The findings of the interview questionnaire are provided in Section 6 of this Appendix.

CH2M conducted the Phase I ESA in a manner consistent with accepted ESA practices and believes that the information contained herein is true and correct, within the limitations and exceptions described in Section 1.4. All findings, opinions, and conclusions stated in this report are derived from facts and circumstances as they existed during the walking reconnaissance conducted in January 2021; however, they are not necessarily indicative of future conditions or operating practices at the subject property.

1.3 Significant Assumptions

In preparing this report, CH2M has relied on certain information provided by the client, by federal, state, and local officials, and by other parties referenced herein, and on information contained in the files of governmental agencies that was reasonably ascertainable at the time of this assessment. Although there may have been some degree of overlap in the information provided by these various sources, CH2M did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this site assessment, except where a reasonable person with similar experience or background would or should have known of the inaccuracy of the information provided. CH2M has based its conclusions set forth in this report are based upon this readily available data, information, or statements supplied by HART or third parties as cited in this Phase I ESA. Conclusions in this Phase I ESA are subject to change if additional, more reliable information becomes available.

Any opinions or recommendations presented apply to site conditions existing when services were performed. CH2M cannot report on or accurately predict events that may change the site conditions after the described services are performed, whether occurring naturally or caused by external forces. CH2M assumes no responsibility for conditions it was not authorized to investigate, or which was not in its specific scope of work.

1.4 Limitations and Exceptions

The Phase I ESA was conducted in accordance with and limited to the methods described by the Practice. The following subsections describe the limitations and exceptions to the Practice.

1.4.1 Limitations

Limitations to the Practice included the following:

- The site reconnaissance involved walking within the accessible public rights-of-way which adjoin the subject property that provided the best line of sight. Neighboring properties were also visually assessed from these accessible public rights-of-way. Limitations to the visual inspection include the presence of heavy vegetation, parked vehicles or heavy machinery, other items that obstruct the view of the ground or paved surface, or no access into fenced areas and buildings. Attachment 1 of this Appendix provides photographs that document site conditions at the time of the site inspection.
- The likelihood for an environmental site to affect a subject property is mainly based on limited and reasonably ascertainable data and records from publicly available or internal HART databases that only include sites with recorded releases. The potential presence of clean investigation data from sites that may be located between an historical release site (e.g. from the computerized

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environmental report [CER]) and the subject property is not taken into consideration in the “likelihood to affect” evaluation described in Section 4.1.1 of this appendix.

1.4.2 Exceptions

There are no exceptions.

1.4.3 Data Gaps and Deviations

According to Section 3.2.20 of ASTM E1527-13, a data gap is a lack of or inability to obtain information required by the ASTM standard despite good faith efforts to gather the data. Data gaps may result from incompleteness in any of the activities required by the ASTM standard. A data gap is considered significant only if it affects the ability to identify RECs. Data gaps identified for this ESA are presented in Table 1-1.

TABLE 1-1. Summary of Data Gaps and Deviations
Phase I Environmental Site Assessment for the HART City Center Section

Data Gap	Explanation	Significance of Gap
Interviews and questionnaire forms	Interviews were not conducted with each property owner, and interview questionnaires were not completed and returned.	Low — Information regarding the site was readily available from other sources including previous environmental investigations. As such, it is unlikely this data gap would affect the results of this ESA.
Site History	Site history was not conducted in 5-year intervals.	Low — Standard historical sources of information, such as aerial photographs, historical topographic maps, and Sanborn fire insurance maps were not available for review in the prescribed frequency. Even though aerial photographs were not provided in five year increments, enough information was provided on a decade by decade basis to assess the subject property over time. Topographic maps are not typically produced by the United States Geologic Survey every five years. Also, the subject property and surrounding area have been developed since at least the early 1900s (and in some instances before), and therefore the topography is not expected to change significantly over this time.
Access to all areas	N/A	Not applicable — The specific item was not identified as a data gap for the subject property.

1.5 Special Terms and Conditions

CH2M did not conduct any subsurface soil, water, groundwater, or soil vapor sampling to evaluate contamination; therefore, CH2M cannot give any assurance as to the presence or absence of soil, water, groundwater, air, or soil vapor contamination.

No investigation is thorough enough to exclude the potential presence of hazardous substances on a given parcel of property. All hazardous substances or hazardous conditions at the subject property may not have been identified during the completion of the scope of services. However, the lack of such a finding should not be construed as a guarantee or representation, either expressed or implied, that such substances or conditions are absent.

Any data, opinions, or recommendations presented in this report apply to the subject property conditions existing when services were provided. CH2M cannot report on, nor accurately predict, events that may change conditions of the subject property after the described services were provided, whether occurring naturally or caused by external forces.

CH2M assumes no responsibility for conditions that were not authorized to investigate, that were not deemed to be reasonably accessible, or that were not covered by our scope of work.

1.6 User Reliance

This report was prepared for the exclusive use of HART for specific application to the subject property. No warranty, expressed or implied, is made. There are no beneficiaries of this report other than HART, and no other person or entity is to rely on this report without the written consent of CH2M and a written agreement limiting CH2M's liability.

1.7 Reason for Performing Phase I Environmental Site Assessment

The purpose of this Phase I ESA is to identify RECs affecting the subject property, using the methodology recommended by the Practice to satisfy the requirements for the Landowner Liability Protections (i.e., innocent landowner defense, contiguous property owner liability protection, and bona fide prospective purchaser liability protection) provided by CERCLA's AAI Rule (40 CFR Part 312), and to help understand potential environmental conditions that could materially impact the purchase price and the operational requirements on the subject property.

2.0 Site Description

2.1 Location and Legal Description

The location of the subject property is shown on Figure 2-1. The TMK, street addresses, and City and County of Honolulu (CCH) zoning for the subject property are provided in Table 2-1. Furthermore, based on the information available at the time of this Phase I ESA's reporting, the proposed extent of the subject property relative to the TMK (i.e., partial, full, easement, or a combination thereof), also referred to as the take, is also provided in Table 2-1.

Lastly, as described in Section 2.2 of the main text, the City Center Section has been divided into five smaller segments labeled as Groups 1 through 5 for the purpose of describing the general environmental setting and site history within each Group. The Group to which this TMK is assigned is also included in Table 2-1.

TABLE 2-1. Location and Legal Description of Subject Property
Phase I Environmental Site Assessment for the HART City Center Section

TMK	Street Address(es)	Phase I ESA Group Designation	CCH Zoning	Extent of Proposed Take	Square Footage ¹
1-2-003-012	423 Mokaea St., Honolulu, HI 96819	1	IMX-1	Easement	567

¹Sum of all acquisition areas on property

2.2 Subject Property Vicinity General Characteristics; Current Use; and Description of Structures, Roads, and Other Improvements

The City Center Section is a 5-mile corridor of the 20-mile HRTP that is located within the urban core of Honolulu, Hawaii. The section is primarily comprised of moderate- to high-density uses.

The subject property is within an area that includes two station areas in Kalihi that are dominated by residential and commercial uses with commercial uses generally increasing closer to Downtown Honolulu.

General characteristics for the subject property are detailed in the site reconnaissance form in Attachment 1 of this Appendix.

2.3 Environmental Setting

2.3.1 Topography

The subject property is flat in an urban setting, with mixed paved & landscaped areas. The surface is predominately concrete parking lot with landscaped partial perimeter.

2.3.2 Geology

Geologic features within the City Center Section include fill soil placed over historical mud flats or ponds, generally low-permeability soils near the soil and groundwater interfaces, high organic carbon content, and manmade underground features including (but not limited to) utilities and building foundations.

The geology along Dillingham Boulevard from Middle Street to Waiakamilo Street consists of surface fill placed over soft lagoonal deposits underlain by alluvial soils and coralline detritus materials (CCH, 2008).

2.3.3 Hydrogeology

The City Center Section is located within the Southern Oahu Basal Aquifer which includes the Honolulu Aquifer Sector. The Honolulu Aquifer Sector contains the Moanalua, Kalihi, and Nuuanu Aquifer Systems (FTA, 2010).

According to Mink and Lau (1990), the aquifer system in Group 1 is part of the Kalihi System within the Honolulu Sector. Groundwater is found at relatively shallow depths within a sedimentary basal unconfined aquifer. The UIC line runs along Dillingham Boulevard in this area. Based on the alignment of the UIC line, areas north of Dillingham Boulevard are considered potential sources of drinking water. Areas south of Dillingham Boulevard are not sources of drinking water. Groundwater flow direction is toward the ocean, in a north-northeast to south-southwest direction, as supported by U.S. Geological Survey regional groundwater maps (https://pubs.usgs.gov/ha/ha730/ch_n/gif/N056.gif).

2.3.4 Surface Waters

The nearest bodies of water to the subject property are the Pacific Ocean, Kalihi Stream, and Kapalama Stream as shown on Figure 2-1 of the main text.

2.4 Current Uses of Adjoining Properties

The current uses of the adjoining properties are summarized in the site reconnaissance form in Attachment 1.

3.0 User-Provided Information

This section summarizes user-provided information and readily available information for the subject property including subject property owner information, easement information, and environmental liens or activity and use limitations. Subject property owner and easement information, based on information provided by HART, are summarized in Table 3-1.

TABLE 3-1. Title Record Information of Subject Property
Phase I Environmental Site Assessment for the HART City Center Section

Subject Property Owner	Date of Title Report	Areas Assessed by Title Report ¹ (square feet)	Is an Easement Reported on the Property?	Easement Description	Easement Owner	Date of Easement Granted
Yung Soon Tajima Tr	11/18/2013	9,650	Yes	Warehouse	N/A	N/A

NOTES

¹ The area assessed by the title report reflects the square feet of the entire TMK within which the subject property is located and not solely the subject property, except in instances where the subject property encompasses the entire TMK. Please refer to Table 2-1 and Figure 2-1 as to whether the extent of the proposed take agreement is a partial take or full take.

During this Phase I ESA, a property title record for this subject property was not readily available from HART. Furthermore, CH2M was not scoped to commission an updated property title record. As such, available information from the records review of standard environmental records sources (as detailed in Section 4.1) were evaluated to identify activity use limitations and environmental liens within or adjoining the subject property. Evaluation of the environmental records included a review of federal and state databases regarding engineering controls, institutional controls, and environmental liens. If applicable, potential findings of said environmental records relative to the subject property are provided in Section 4.1 and Table 4-5.

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4.0 Records Review

4.1 Standard Environmental Record Sources

A regulatory database CER was acquired in the form of an EDR Atlas Report (EDR, 2020)¹. The CER is a listing of sites identified on select federal and state standard source environmental databases within the approximate minimum search distance (AMSD) prescribed by the Practice. CH2M reviewed each environmental record from the database search provided in the CER to determine whether certain sites identified in the CER are suspected to represent a material negative environmental impact to the subject property.

Properties identified by the CER that are likely to have an impact or are potentially likely to have an impact on this subject property and are considered RECs are listed in Table 4-5 of this appendix.² The complete listing of properties identified by the CER for this subject property is provided in Attachment 2. Table 4-5 includes the description of the databases associated with each of the findings, the regulatory status of the findings, and an assessment of its likelihood to affect the environmental condition of the subject property.

4.1.1 Likelihood to Affect Assessment

The likelihood of sites identified in the CER to affect the environmental condition of the subject property was assessed. The assessment used several factors to determine whether each site is (1) likely to affect the environmental condition of the subject property, (2) has the potential to affect the environmental condition of the subject property, or (3) is not likely to affect the environmental condition of the subject property. Those factors included the following:

- The distance from the subject property.
- The hydraulic position relative to the subject property, that is, upgradient, crossgradient, or downgradient.
- Available information on the nature of the release, including what chemical was released and how mobile it is, as well as the volume of chemical released to the subsurface. It was assumed that releases of chemicals such as petroleum constituents or volatile organic compounds (e.g., chlorinated solvents) would have relatively higher mobility than other chemicals (e.g., metals or transformer oil) potentially released to the subsurface. If a release was confirmed to have encountered groundwater, it was assumed that mobility would increase. Likewise, a documented low volume release was assumed to be significantly less mobile and, therefore, have a lower impact on a subject property than a large volume release.

To assess the likelihood of properties in the CER to affect the subject property using the factors noted above, a proximity search was performed to identify which sites in the CER were close enough to the subject property. Guidelines were then created and applied to each site to determine its likelihood to affect the subject property, as detailed in Table 4-1.

¹ EDR Environmental Atlas Report was ordered in September 2020. At that time, EDR staff confirmed that no new versions of topographic maps, Sanborn maps, and aerial photographs were available, and the ones acquired in 2017 were still current. Therefore, the appropriate reference to EDR reports and maps is considered September 2020.

² Table 4-5 only includes RECs, as further described in Section 7.1. Historical RECs (Section 7.2) and controlled RECs (Section 7.3) are listed in Tables 7-1 and 7-2, respectively.

TABLE 4-1. Guidelines for Factors Likely to Affect Subject Properties
Phase I Environmental Site Assessment for the HART City Center Section

Hydraulic Position	Likelihood to Affect Determination	Criteria
Upgradient	Not likely to Affect the Subject Property	Moderate to high mobility chemical release (e.g., fuels or solvents), or unknown release and > 1000 feet from the subject property
		Low mobility chemical release (e.g., transformer oil or metals in soil), > 500 feet from the subject property
	Has the Potential to Affect the Subject Property	Moderate to high mobility chemical release (e.g., fuels or solvents), or unknown release and 500 - 1000 feet from the subject property
		Low mobility chemical release (e.g., transformer oil or metals in soil), 250 - 500 feet from the subject property
	Likely to Affect the Subject Property	Moderate to high mobility chemical release (e.g., fuels or solvents), or unknown release and < 500 feet from the subject property
		Low mobility chemical release (e.g., transformer oil or metals in soil), < 250 feet from the subject property
Crossgradient	Not likely to Affect the Subject Property	Moderate to high mobility chemical release (e.g., fuels or solvents), or unknown release and > 500 feet from the subject property
		Low mobility chemical release (e.g., transformer oil or metals in soil), > 500 feet from the subject property
	Has the Potential to Affect the Subject Property	Moderate to high mobility chemical release (e.g., fuels or solvents), or unknown release and 250 - 500 feet from the subject property
		Low mobility chemical release (e.g., transformer oil or metals in soil), 250 - 500 feet from the subject property
	Likely to Affect the Subject Property	Moderate to high mobility chemical release (e.g., fuels or solvents), or unknown release and < 250 feet from the subject property
		Low mobility chemical release (e.g., transformer oil or metals in soil), < 250 feet from the subject property
Downgradient	Not likely to Affect the Subject Property	Moderate to high mobility chemical release (e.g., fuels or solvents), or unknown release and > 500 feet from the subject property
		Low mobility chemical release (e.g., transformer oil or metals in soil), > 250 feet from the subject property
	Has the Potential to Affect the Subject Property	Moderate to high mobility chemical release (e.g., fuels or solvents), or unknown release and 250 - 500 feet from the subject property
		Low mobility chemical release (e.g., transformer oil or metals in soil), 150 - 250 feet from the subject property
	Likely to Affect the Subject Property	Moderate to high mobility chemical release (e.g., fuels or solvents), or unknown release and < 250 feet from the subject property
		Low mobility chemical release (e.g., transformer oil or metals in soil), < 150 feet from the subject property

Notes:

< = less than

> = greater than

Although the guidelines noted in Table 4-1 contain distance criteria as part of the likelihood to affect determination, professional judgement and site-specific knowledge were also considered. For example, if available documentation in the CER indicated a large volume of material in a release and/or contamination is known to exist in groundwater, a more conservative determination for likelihood to affect a subject property may have been assigned.

Historical environmental sites that have No Further Action (NFA) determination from the CER and are located within a subject property were further assessed. Compliance with current unrestricted use action levels and other applicable regulatory requirements that could not be readily confirmed from the CER data was evaluated. Closure documents were reviewed to determine the basis for the NFA determination and confirm it is consistent with the current unrestricted action levels and regulatory sampling requirements. In instances where current unrestricted action levels or regulatory requirements are not met or a determination can't be made, NFA sites also meeting the definition of "likely to affect" or "has the potential to affect" were identified as RECs or controlled RECs (as applicable). If closure is confirmed to meet current unrestricted action levels and regulatory requirements, the environmental site was identified as an historical REC.

4.2 Historical Use Information on the Subject Property

Historical research documentation, including historical aerial photographs, topographic maps, fire insurance maps, and city directories, are included in Appendices B through E of the main text. The following subsections provide further details of historical use on the subject property and details relative to Group 1.

4.2.1 Topographic Maps

CH2M reviewed historical Ewa 7.5-minute topographic maps of the subject property that were provided by EDR (EDR, 2020), which are presented in Appendix C of the main text. Table 4-2 summarizes their findings.

TABLE 4-2. Historical Topographic Map Findings for Subject Property
Phase I Environmental Site Assessment for the HART City Center Section

Year Revised	Topographic Map Sheet(s)	Subject Property
1953	W, Puuloa, 7.5-minute	Near BM 5, subject property bordered on south by Oahu Railroad & Land Company rail yard. Kaiulani School on north side, vocational school, Kalihi Kai Playground and Kalihi Kai School, Kamehameha Schools, St. Anthony School, and Oahu Prison all border subject property near Kalihi/Kapalama. Subject property runs along Dillingham Blvd. At north end of Ke'ehi Lagoon, subject property bordered on north by military property. Subject property at approximately 10-20 ft above sea level, then the topography slopes quickly up towards hills in the northeast which reach up to 600 ft in places.
1959	W, Puuloa, 7.5-minute	In Kalihi Kai/Kalihi area, runs along Dillingham Blvd with Kalihi Kai School, Kalakaua School, St Anthony School on north side, Oahu Prison and Kalihi Kai Playground on south side of subject property. Oahu Railroad and Land Co. tracks and possibly rail yard, gas tanks to the south of subject property. At north end of Ke'ehi Lagoon, subject property passes through south end of Military Reservation.
1969	TP, Honolulu, 7.5-minute	Subject property runs along Dillingham Blvd, with Honolulu Community College, Kalihi Kai School, Kalakaua School, St. Anthony School along north of property, Oahu Prison on south side of property. At north end of Ke'ehi Lagoon, subject property passes through south end of Military Reservation.

TABLE 4-2. Historical Topographic Map Findings for Subject Property
Phase I Environmental Site Assessment for the HART City Center Section

Year Revised	Topographic Map Sheet(s)	Subject Property
1983	W, Pearl Harbor, 7.5-minute	Subject property runs along Dillingham Blvd, Honolulu Community College, Kalihi kai School, Kalakaua School, St. Anthony School border on the north, Oahu Prison on south side of subject property. Possible gas/oil tanks to south of subject property area, along Kapalama Basin.
1998	TP, Honolulu, 7.5-minute	Subject property runs along Dillingham Blvd, Honolulu Community College, Kalihi kai School, Kalakaua School, St. Anthony School border on the north, Oahu Community Correctional Center on south side of subject property. Possible gas/oil tanks to south of subject property area, along Kapalama Basin.

4.2.2 Historical Maps

The EDR report included a search for Sanborn maps, as presented in Appendix D of the main text, originally created to assist insurance underwriters in understanding the potential fire risk of structures requiring insurance, but also useful in identifying previous uses of a property (EDR, 2020). Table 4-3 summarizes the findings of the Sanborn Map coverage in the vicinity of the subject property.

TABLE 4-3. Sanborn Map Findings for Subject Property
Phase I Environmental Site Assessment for the HART City Center Section

Year Revised	Subject Property
1927	<p>Truck repair, machine shop, gas and oil station, grease shop, paint shop on south corner of N. King and Middle E. intersection. Engine repair, paint shop on south corner of N. King and Owen intersection. (164)</p> <p>Auto repair, auto body shop, oil tanks, boilers, acetylene burning on west side of Puuhale between Auiki and Kaliawa. (168)</p> <p>Concrete pipe curing, welding on west corner of Pahounui and Sand Island Rd. intersection. Machine shop and paint storage north of Kalihi Channel, west of Sand Island Rd. (169)</p> <p>Former Pacific Guano & Fertilizer Co. structures, including iron sulphate building, machine shop east of railroad tracks, southwest of N. King. Auto repair southwest of N. King and Ola Lane intersection. (164)</p> <p>Oahu Territorial Prison Farm south of end of Wilcox Lane. (186)</p> <p>Auto painting on north corner of Winant and Colburn intersection. (191)</p>

TABLE 4-3. Sanborn Map Findings for Subject Property
Phase I Environmental Site Assessment for the HART City Center Section

Year Revised	Subject Property
1950	<p>Hawaiian Meat Co. fertilizer plant east of Slaughter House Ln., south of Middle St. (163)</p> <p>Truck repair on south corner of Middle St. and N. King intersection. Auto repair, engine repair, machine repair, paints shop on south west side of N. King, south of Owen. (164)</p> <p>Machine shop southwest of Wilcox Lane where Kopke ends. Oahu Territorial Prison Farm southwest of where Bannister turns into Wilcox Lane and ends. (186)</p> <p>Auto painting and repair shop, gas and oil stand east corner of Dillingham and Puuhale intersection. (187)</p> <p>Auto service shop, gas and oil station on east side of Mokaua, northeast of Hart and railroad tracks. (189)</p> <p>Auto stand, gas and oil station, auto repair shop on west corner of Dillingham and Kalihi intersection.</p> <p>Laundry on southwest side of Kalani, to the west of Kalihi. Neon sign painting and welding shop on south side of Hart, east of Kalihi. (190)</p> <p>Auto repair station and gas and oil station on east corner of Dillingham and Winant intersection. Gas and oil station and spray painting on north corner of Dillingham and Waiaakamilo intersection, gas and oil station on west corner of intersection. Chemical bleach process at Kyoyei Shokwai Ltd. on south corner of Waiaakamilo and Dillingham intersection. Standard Welding and Steel Works machine shops on southeast side of Waiaakamilo, north of Kahanu. (192)</p> <p>Auto body shop on north corner of Bannister and Stanley Rd. (166)</p> <p>Welding shop on west side of Mohonua. (169)</p>
1955	<p>Truck repair shop, machine shop, gas and oil station, paint shop on south corner of intersection of Middle St. and North King St. (164)</p> <p>Hawaiian Gas Products, Ltd. occupies area southwest of where Kamehameha Hwy. meets Kalihi Stream – area appears to contain chemical process lines/plants. Acetylene Plant marked on map, possible others as well. (185)</p> <p>Auto painting shop on east corner of intersection of Dillingham Blvd. and Puuhale Rd. (187)</p> <p>Auto service shop, gas and oil station on west corner of intersection of Dillingham Blvd. and Mokaua. Gas and oil station on south corner of intersection of Mokaua and Kalani. Auto repair, auto wrecking, truck repair shop along north east side of Kalani, between Mokaua and Puuhale. (189)</p> <p>Dry cleaning shop near north corner of intersection of Colburn and Kalihi. Gas and oil station and auto repair on west corner of intersection of Dillingham and Kalihi. Neon sign painting shop on south side of Hart, just east of Kalihi. (190)</p> <p>Welding and machine shop on north corner of intersection of Kaiwiula and Kalani. (191)</p> <p>Auto repair shop, gas and oil station on east corner of intersection of Dillingham and Winant. Kyoyei Shokwait Ltd. Machine shop, used radio parts shop on south corner of intersection of Dillingham and Waiaakamilo. Standard Welding and Steel Works machine shops on southeast side of Waiaakamilo, north of Kahanu. (192)</p>

Note:

(100) – Numbers in parentheses indicate the Sanborn Map number from which the information was observed. Sanborn Maps are located in Appendix D of the main text.

In summary, the Sanborn maps denote commercial business and industrial activities along the entire City Center Section.

4.2.3 Aerial Photographs

Aerial photographs provide visual documentation of site conditions at the time of the photographs, and can indicate activities such as dumping or industrial use of a site. CH2M reviewed historical aerial photographs provided by EDR (EDR, 2020). The photographs are included in Appendix E of the main text, and a summary of the reviewed photographs is presented in Table 4-4.

TABLE 4-4. Aerial Photograph Findings for Subject Property
Phase I Environmental Site Assessment for the HART City Center Section

Year Revised	Subject Property
1951	Near the present day Oahu Community Correctional Center, there appear to be several large structures – perhaps warehouses or correctional facility structures. Land on the south and north border of the alignment west of the present day Oahu Community Correctional Center appears undeveloped. Along present day Dillingham Blvd, the subject property appears surrounded by residential land, with unpaved roads. One lot along Dillingham Blvd, on the eastern portion, is cleared with one structure – either a residence with large yard or the lot is cleared for commercial or industrial use.
1968	The same large structures from 1951 appear near the Oahu Community Correctional Center, but the surrounding area appears developed for commercial or industrial use. The land Around Dillingham Blvd appears primarily residential, roads are now paved. Within the eastern portion, the area has become commercial/industrial where it was residential in 1951.
1974	There appears to be little change since the 1968 photograph.
1975	The eastern portion now appear developed for commercial use.
1976	There appears to be little change since the 1975 photograph.
1978	Several structures appear to be demolished at Oahu Community Correctional Center.
1985	The Oahu Community Correctional Center appears to be reconstructed, new buildings, parking lot, and landscaping.
1992	In the 1992 photograph the area between Kalihi St. and Puuhale Rd. which had been primarily residential since 1951, appears to be becoming more commercial/industrial. On the south side of the alignment, along Dillingham Blvd, several larger, commercial/industrial buildings are now present. Some residences still exist on the north side of Dillingham Blvd.
2004	There appears to be little change since the 1992 photograph.
2006	There appears to be little change since the 2004 photograph.
2008	There appreas to be little change since the 2006 photograph.
2018	There appear to be only minor changes since the 2008 photograph. Some commercial/industrial buildings adjacent to the western side of the Oahu Community Correctional Center appear to have been demolished between 2008 and 2018. Also, a small grassy lot on the southern side of the guideway between Puuhale Street and Maokaea Street had been paved over and is apparently used for vehicle parking.

In summary, the aerial photographs denote industrial activities along the entire City Center Section, corresponding to the findings of the topographic and Sanborn maps.

4.3 Vapor Encroachment Screening for the Subject Property

A vapor encroachment screen (VES) was not conducted because, based on the proposed construction of the HRTP, a station or enclosed structure is not proposed to be constructed at this subject property. A VES should be conducted in the event that a design change is made to include an enclosed structure since RECs, as described in Section 7.1, are present either on or near this subject property.

4.4 Historical Use Information on Adjoining Properties

Information regarding the historical use of adjoining properties available from topographic maps and aerial photographs are provided in Section 4.2.1 and Section 4.2.3, respectively. Additional information concerning the historical use of adjacent properties and the adjacent properties identified in the CER and state databases is presented in Section 4.1.

Historical information indicates the adjacent properties have been developed as an urban area since at least the early 1900s. Original adjacent property use was a mix of residential and commercial uses. As the area further developed, the adjacent property use became more commercial and industrial.

Based on a review of CER records within the AMSD, aerial photographs, topographic maps, Sanborn maps, and State environmental databases, several adjacent properties were identified to have had, or likely to have had an impact on the environmental condition of the subject property. These specific identified adjacent properties are shown on Figure 2-1. In addition, the historic number of industrial and commercial facilities in this area along with years of exhaust from leaded gasoline burning automobiles on adjacent high-traffic roads may have resulted in degradation of the environmental condition of the subject property. However, these environmental impacts from these historic uses may not have resulted in releases on the subject property that would require remedial activities if brought to the attention of the appropriate regulatory agency.

4.5 Non-scope Considerations

ASTM 1527-13 Section 13, Non-Scope Considerations, describes specific items that parties may wish to assess in connection with real estate but that are outside the scope of the Practice, as defined therein. According to the Practice, these non-scope items are as follows:

- Asbestos-containing building materials
- Biological agents
- Cultural and historic resources
- Ecological resources
- Endangered species
- Health and safety
- Indoor air quality unrelated to releases of hazardous substances or petroleum products into the environment
- Industrial hygiene
- Lead-based paint
- Lead in drinking water
- Mold
- Radon
- Regulatory compliance
- Wetlands

CH2M was not requested to assess these non-scope items.

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Table 4-5

Summary of CER Records Describing Potential Environmental Effects on Subject Property (RECs)

TMK: 1-2-003-012

Phase I Environmental Site Assessment for the HART City Center Section

Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
20121126-1701a 20121126-1701 1901 DILLINGHAM BLVD.	0.04/N	Upgradient	HART RELEASE	Managed under HART EHMP; Benzo[a]pyrene-contaminated soil encountered at AIS Trench C35 (stockpile sample). BaP above unrestricted EALs, but below commercial/industrial EAL; no visual contamination; no hazardous substance released; no impact to public health or environment, impacted media located at depth, groundwater not a drinking water resource.	Likely to affect the environmental condition of the subject property. The site is upgradient and near (<-250 feet). Release to groundwater reported or assumed based on available records.
20121126-1701b 20121126-1701 1901 DILLINGHAM BLVD.	0.04/N	Upgradient	HART RELEASE	Managed under HART EHMP; Benzo[a]pyrene-contaminated soil encountered at AIS Trench C32 (stockpile sample). BaP above unrestricted EALs, but below commercial/industrial EAL; no visual contamination; no hazardous substance released; no impact to public health or environment, impacted media located at depth, groundwater not a drinking water resource.	Likely to affect the environmental condition of the subject property. The site is upgradient and near (<-250 feet). Release to groundwater reported or assumed based on available records.
20140122-1029 20140122-1029	0.03/N	Upgradient	HART RELEASE	Potential PCS at geotechnical boring KH-3 from approximately 2.5 feet bgs; headspace PID reading up to 3.8 ppm; ambient air PID measurements were 0 ppm. No lab data. COPCs based on target analytes for petroleum releases in TGM Table 9-5.	Likely to affect the environmental condition of the subject property. The site is upgradient and near (<-250 feet). Release to groundwater reported or assumed based on available records.
20191121-1523TCp 20191121-1523TC 1953 DILLINGHAM BLVD.	0.07/N	Upgradient	HART RELEASE	HART Release Report indicates contractor excavated soil from along Dillingham Boulevard from Waikamilo Street to Mokaea Street using a vacuum truck. Since there were no field evidence of contamination, the soil was condensed into a stockpile and considered clean. However, the lab analysis indicates the lead exceeds the HDOH unrestricted EAL for soil.	Has the potential to affect the environmental condition of the subject property. The site is upgradient and relatively near (-250-500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

Table 4-5

Summary of CER Records Describing Potential Environmental Effects on Subject Property (RECs)

TMK: 1-2-003-012

Phase I Environmental Site Assessment for the HART City Center Section

Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
20200731-1319-IK 20200731-1319-IK IN FRONT OF 1973 DILLINGHAM BLVD.	0.09/NW	Cross Gradient	HART RELEASE	HART Release Report indicates an elevated PID reading of 59 ppm for VOCs from excavated soil from an electrical utility trench. There was no visual or olfactory evidence of contamination. 20 cubic yards of excavated soil was stockpiled and stored at 1901 Dillingham Blvd in accordance with HART EHMP.	Has the potential to affect the environmental condition of the subject property. The site is crossgradient and relatively near (~250-500 feet). Moderate or high mobility of contaminant reported or assumed based on available records.
S105263385 EDADES SAUSAGE FACTORY 1819 DILLINGHAM BLVD.	0.03/E	Cross Gradient	SPILLS	SOSC NFA. Solvents (sanitizing detergents); 252-gallons reported.	Likely to affect the environmental condition of the subject property. The site is crossgradient and near (<~250 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S105264803 FANTASTIK AUTO REPAIR SHOP INC 1815 DILLINGHAM BLVD.	0.04/E	Cross Gradient	SPILLS	No substances or quantities reported.	Likely to affect the environmental condition of the subject property. The site is crossgradient and near (<~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S107024286 KALIHI SATELITE CITY HALL PESTICIDE APPLICATION KALANI ST.	0.09/SW	Down Gradient	SPILLS	HI SPILLS listing for an unreported quantity of ethyl carbamate with result of closed with incomplete documentation.	Has the potential to affect the environmental condition of the subject property. The site is downgradient but relatively near (~250-500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

Table 4-5

Summary of CER Records Describing Potential Environmental Effects on Subject Property (RECs)

TMK: 1-2-003-012

Phase I Environmental Site Assessment for the HART City Center Section

Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
S107024473 DILLINGHAM BOULEVARD & MOKAUEA STREET DILLINGHAM BLVD. & MOKAUEA ST.	0.03/NE	Upgradient	SPILLS	SPILLS listing for unreported quantity of Petroleum with Result of Refer to ISST.	Likely to affect the environmental condition of the subject property. The site is upgradient and near (<-250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S110169199 HECO TRANSFORMER 4891 1930 DILLINGHAM BLVD.	0.06/N	Upgradient	SPILLS	SOSC NFA. HECO pad mount transformer #4891; ergon hy-volt II insulating oil; 50 gallons reported.	Likely to affect the environmental condition of the subject property. The site is upgradient and near (<-500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

Note:

Historical environmental sites that have NFA determinations were further evaluated. In instances where current unrestricted action levels or regulatory requirements are not met or a determination cannot be made from the regulatory database CER review, NFA sites also meeting the definition of "likely to affect" or "has the potential to affect" were identified as RECs or controlled RECs (as applicable). If closure is confirmed to meet current unrestricted action levels and regulatory requirements, the environmental site was identified as an historical REC.

5.0 Site Reconnaissance

In January 2021, CH2M personnel performed a visual site reconnaissance of surface conditions of the subject property. The methodology and limiting conditions are described in the following sections. General site settings and observations are described in Section 2 and on the site reconnaissance field form presented in Attachment 1. RECs identified during visual site reconnaissance are summarized in Section 7.1 and Figure 2-1.

5.1 Methodology and Limiting Conditions

A walking site reconnaissance was conducted from adjoining and accessible public rights-of-way for sightlines directly onto the subject property to identify potential RECs. Representative photographs taken during the reconnaissance are included in Attachment 1 of this Appendix. RECs identified in the field during the visual site reconnaissance may be related to release sites from the CER that are also identified as RECs during records review, potentially resulting in some redundancy (that is, double counting of RECs).

5.2 General Site Setting

Details of property uses are described in Section 2 of this Appendix and the site reconnaissance field form presented in Attachment 1.

5.3 Exterior Observations

Exterior observations during the January 2021 site reconnaissance are provided in the site reconnaissance field form presented in Attachment 1.

5.4 Interior Observations

As applicable, interior observations during the January 2021 site reconnaissance are provided in the site reconnaissance field form presented in Attachment 1.

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6.0 Interviews

CH2M attempted to interview persons knowledgeable of the subject property to obtain information on land use, operational history, and environmental conditions. A questionnaire for the subject property was provided to the owner or representative via mail in December 2020. If requested, the questionnaire was also provided via email. The owner or representative was provided a minimum of 10 business days to provide a response to the interview questionnaire. Responses provided in the questionnaire have been considered in the evaluation of RECs identified in Figure 2-1 and Tables 7-1 and 7-2.

No response to the interview questionnaire was received up to the publishing date of this Phase I ESA.

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7.0 Findings, Opinion, and Conclusion

This section summarizes the findings and opinion of environmental conditions present at the subject property and adjoining properties as determined with information from Section 4 through Section 6.

7.1 Recognized Environmental Conditions

RECs are defined as the presence or likely presence of a hazardous substance or petroleum product that indicate an existing release, a past release, or material threat of a release of hazardous substances or petroleum products into the structures of the subject property or into the ground, groundwater, or surface water of the subject property. The term includes hazardous substances or petroleum products even under conditions in compliance with applicable laws.

Based on a review of available records and previous investigations, the properties identified by the CER in Table 4-5 are likely to have an impact or are potentially likely to have an impact on the subject property and are considered RECs. The approximate locations of these RECs are shown on Figure 2-1.³

In addition, based on a review of historical topographical maps, historical Sanborn maps, and aerial photography, industrial activities and commercial businesses such as auto repair shops; machine, welding, and metal works shops; oil and gas stations; and laundry shops were noted on Sanborn maps beginning in the 1950s within the vicinity of the subject property. A rail yard, tracks and several industrial activities were noted on available Sanborns, historical aerial photographs, and topographic maps adjacent to and south of the subject properties within the vicinity of the subject property. Topographic maps and aerials also indicate a reduction in residential land use and increase in commercial use through the 1970s. North of the subject property's vicinity, land use also included schools. Based on a review of a 2020 environmental database, environmental impacts with the potential to affect the environmental condition of the subject properties have been identified. Therefore, RECs exist for the subject properties within Group 1.

Lastly, based on the site reconnaissance performed at the subject property, no site RECs were identified during site reconnaissance.

7.2 Historical Recognized Environmental Conditions

An historical REC is defined as a past release of any hazardous substances or petroleum products and has been addressed to the satisfaction of the applicable regulatory authority or has met unrestricted use criteria established by a regulatory authority, without subjecting the subject property or any adjoining properties to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

Based on a review of available records, previous investigations and the site reconnaissance, the historical RECs within the subject property and adjoining properties that are likely to impact or have the potential to impact the subject property are identified in Table 7-1.

7.3 Controlled Recognized Environmental Conditions

Controlled RECs are defined as a condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of an NFA letter or equivalent, or meeting

³ Locations of RECs in Figure 2-1 are approximate and based on geocoding that considers the property address of environmental sites from available databases, rather than the actual location/coordinates of a release.

risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

Based on a review of available records, previous investigations and the site reconnaissance, the controlled RECs within the subject property and adjoining properties that are likely to impact or have the potential to impact the subject property are identified in Table 7-2.

7.4 Other Considerations

Other considerations were made during site reconnaissance (see the Site Reconnaissance Field Form in Attachment 1 for details).

7.5 De Minimis Conditions

De minimis conditions are conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be subject to an enforcement action if brought to the attention of the appropriate government agencies. Conditions determined to be *de minimis* are not RECs. Based on a review of available records and the site reconnaissance findings, no *de minimis* conditions were observed.

7.6 Environmental Concern Levels for Subject Properties

In order to further understand potential environmental conditions that could materially impact the purchase price and the operational requirements of the subject properties, the findings from the CER, interviews, readily available environmental records, and site reconnaissance were used to determine whether additional assessments (such as a Phase II ESA) are warranted.

Based on the qualitative weighting as described in Section 7.6 of the main text, this TMK was assigned a weight of 10 concern level, and additional assessment is not recommended at this time.

7.7 Conclusion

CH2M has performed this Phase I ESA of the subject properties in accordance with the scope and limitations of the Practice. Exceptions, deletions, or deviations of the Practice are described in Section 1.4.

This Phase I ESA has identified the RECs presented in Section 7.1 through Section 7.3 within the subject property and adjoining properties. These identified RECs are also included in Figure 2-1.

Table 7-1

Summary of Historical RECs for Subject Property

TMK: 1-2-003-012

Phase I Environmental Site Assessment for the HART City Center Section

Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
S105262961 VINTAGE CARS OF HAWAII IN DUMPSTER 1918 KALANI ST.	0.09/W	Cross Gradient	SPILLS	SOSC NFA. Vintage Cars of Hawaii in Dumpster; substance and quantity not reported.	Has the potential to affect the environmental condition of the subject property. The site is crossgradient and relatively near (~250-500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

Note:

Historical environmental sites that have NFA determinations were further evaluated. In instances where current unrestricted action levels or regulatory requirements are not met or a determination cannot be made from the regulatory database CER review, NFA sites also meeting the definition of "likely to affect" or "has the potential to affect" were identified as RECs or controlled RECs (as applicable). If closure is confirmed to meet current unrestricted action levels and regulatory requirements, the environmental site was identified as an historical REC.

Table 7-2

Summary of Controlled RECs for Subject Property

TMK: 1-2-003-012

Phase I Environmental Site Assessment for the HART City Center Section

Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
S123106534 1812 COLBURN STREET SITE 1812 COLBURN ST.	0.05/SE	Cross Gradient	INST CONTROL, HWS	SHWS listing for TPH, lead, pesticides, benzoapyprene found. Response is ongoing and institutional controls are required to manage contamination.	Likely to affect the environmental condition of the subject property. The site is crossgradient and near (<-250 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
U001235411 7-11 DILLINGHAM BLVD 1900 DILLINGHAM BLVD.	0.05/N	Upgradient	FINANCIAL ASSURANCE, HWS, UST	SHWS listing for an unreported hazard present; assessment and response are not reported; site closure and controls to manage contamination are not reported. Env ID in UST and HI Financial Assurance databases (No LUST). No Release Reported. Env ID is within boundaries of site-specific EHMP/LUC associated with Dillingham Blvd and Mokaea Street.	Likely to affect the environmental condition of the subject property. The site is upgradient, <-1000 feet and within the boundaries of a Site-Specific EHE-EHMP.
S106816881 DILLINGHAM BOULEVARD & MOKAUEA STREET DILLINGHAM BLVD. & MOKAUEA ST.	0.03/NE	Upgradient	INST CONTROL, ENG CONTROLS	Hazard managed with Engineering and Institutional Controls. However EDR from Cycle 2 reports: NFA restricted use with Engineering Controls to manage free product.	Likely to affect the environmental condition of the subject property. The site is upgradient and near (<-250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
U003402816 KEN T SERVICE 1901 DILLINGHAM BLVD.	0.03/N	Upgradient	FINANCIAL ASSURANCE, LUST, UST	LUST site cleanup completed (NFA) in 2003. Site is within boundaries of existing EHMP-LUC associated with 1901 Dillingham Blvd.	Likely to affect the environmental condition of the subject property. The site is upgradient and near (<-1000 feet). However, the site is within the boundaries of a Site-Specific EHE-EHMP.

Table 7-2

Summary of Controlled RECs for Subject Property

TMK: 1-2-003-012

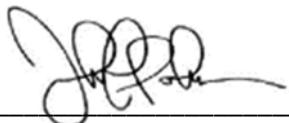
Phase I Environmental Site Assessment for the HART City Center Section

Note:

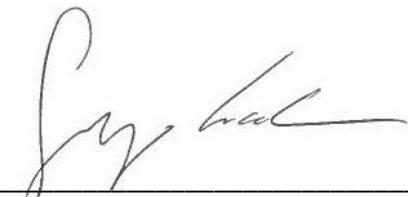
Historical environmental sites that have NFA determinations were further evaluated. In instances where current unrestricted action levels or regulatory requirements are not met or a determination cannot be made from the regulatory database CER review, NFA sites also meeting the definition of "likely to affect" or "has the potential to affect" were identified as RECs or controlled RECs (as applicable). If closure is confirmed to meet current unrestricted action levels and regulatory requirements, the environmental site was identified as an historical REC.

8.0 Signature of Environmental Professional

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 40 CFR 312.10. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. This investigation is in general conformance with the standards and practices set forth in 40 CFR 312.



John Padre, MBA
Senior Reviewer



Sergio Cocchia, PG
Task Manager

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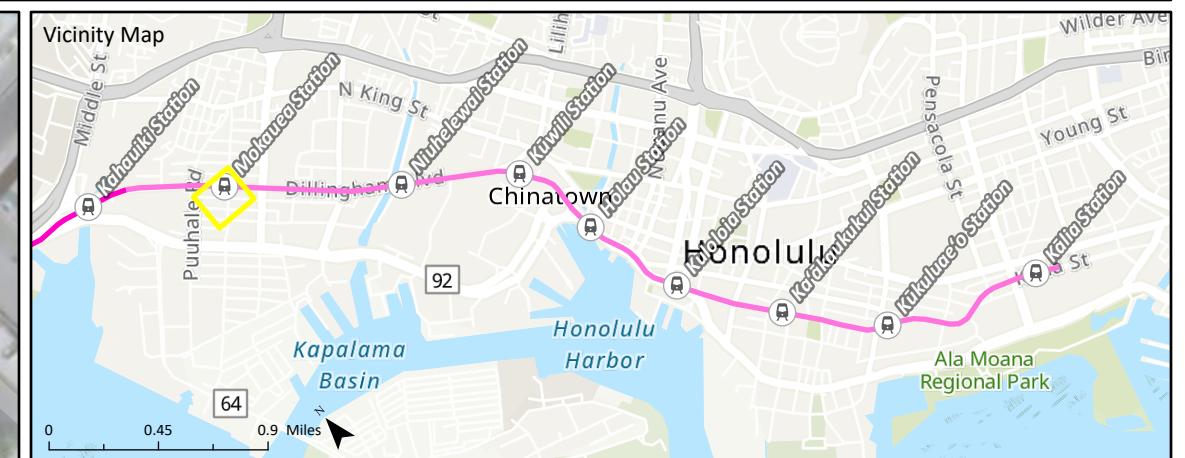
9.0 Qualifications of Environmental Professionals

Resumes of the environmental professionals involved in the preparation of this report are located in Appendix F of the main text.

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Figure

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RECcs/ Historical RECcs/ Controlled RECcs¹ identified during Likelihood to Affect Assessment

Env ID#	Site Name	Distance (ft.)	Hydraulic Position	REC Type	Likelihood to Affect
20140122-1029	20140122-1029	145	Upgradient	REC	Likely to affect the environmental condition of the subject property.
S107024473	DILLINGHAM BOULEVARD & MOKAUEA STREET	171	Upgradient	REC	Likely to affect the environmental condition of the subject property.
S106816881	DILLINGHAM BOULEVARD & MOKAUEA STREET	171	Upgradient	Controlled REC	Likely to affect the environmental condition of the subject property.
U003402816	KEN T SERVICE	172	Upgradient	Controlled REC	Likely to affect the environmental condition of the subject property.
S105263385	EDADES SAUSAGE FACTORY	183	Cross Gradient	REC	Likely to affect the environmental condition of the subject property.
20121126-1701a	20121126-1701	223	Upgradient	REC	Likely to affect the environmental condition of the subject property.
S105264803	FANTASTIK AUTO REPAIR SHOP INC	226	Cross Gradient	REC	Likely to affect the environmental condition of the subject property.
20121126-1701b	20121126-1701	228	Upgradient	REC	Likely to affect the environmental condition of the subject property.
S123106534	1812 COLBURN STREET SITE	249	Cross Gradient	Controlled REC	Likely to affect the environmental condition of the subject property.
U001235411	7-11 DILLINGHAM BLVD	290	Upgradient	Controlled REC	Likely to affect the environmental condition of the subject property.
S110169199	HECO TRANSFORMER 4891	343	Upgradient	REC	Likely to affect the environmental condition of the subject property.
20191121-1523TCp	20191121-1523TC	380	Upgradient	REC	Has the potential to affect the environmental condition of the subject property.
20200731-1319-IK	20200731-1319-IK	488	Cross Gradient	REC	Has the potential to affect the environmental condition of the subject property.
S107024286	KALIHI SATELITE CITY HALL PESTICIDE APPLICATION	496	Down Gradient	REC	Has the potential to affect the environmental condition of the subject property.
S105262961	VINTAGE CARS OF HAWAII IN DUMPSTER	499	Cross Gradient	Historical REC	Has the potential to affect the environmental condition of the subject property.

RECcs Observed During Site Recon

ConcernId	Title	Description
None	Observed	

FIGURE 2-1
Subject Property and Recognized Environmental Conditions
TMK: 1-2-003-012

Phase I Environmental Site Assessment for the
HART City Center Section
Honolulu Rail Transit Project
Honolulu, Hawaii

Attachment 1
Site Reconnaissance Field Form

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HONOLULU AUTHORITY for RAPID TRANSPORTATION

Introduction

Form Submission Status	5. Senior Review Complete - Final
Project Cycle	3
TMK	1-2-003-012
PID	502
Property Owner Name	Yung Soon Tajima Tr
Property Address	423 Mokaua St., Honolulu, HI 96819
Property within Special Management Area?	No
ESA Priority Group	1
Property Size (acres)	0.01302597
Property Elevation (mean) (ft.)	21.00000000
Property Elevation (min) (ft.)	20
Property Elevation (max) (ft.)	23
Soil Type(s)	EmA
Surface Water Bodies within 150 meters	No known surface water bodies within 150 meters
Zoning Description	IMX-1 Industrial Mixed Use District
Land Use District	Urban Land Use District
Date of Site Walk	Jan 05 2021
Form Completed by	Swardhuni Pethe

Property POC

Is a property representative available?	No
Please describe current use(s) and/or operations within the subject property.	Public right of way with a concrete-paved sidewalk and portion of landscaping.

Physical Settings

Please list any operations requiring industrial permits.	None known.
Are any current uses likely to involve treatment, storage, disposal, or generation of hazardous substances or petroleum products?	None Observed
What were the past uses of the property?	No additional information was available during the VSI on past property use.
Are any past uses likely to involve treatment, storage, disposal, or generation of hazardous substances or petroleum products?	None Observed
Are there roads on the property?	None Observed
Please describe all thoroughfares adjoining the property and any roads, streets, and parking lots adjacent to the property.	

HART

HONOLULU AUTHORITY for RAPID TRANSPORTATION

Please describe the topography of the subject property.	Flat
Please describe the surface condition of the subject property	Mixed Paved & Landscaped
Surface condition description	Concrete parking lot with landscaped partial perimeter.

Buildings

Are there any buildings or structures on the property?	None Observed
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Business

Are there any businesses on the property?	Yes
ID:	139 (Cycle #2 ID: 75)
Name	Centric Elevator
Description	Elevators serving and installation.
Notes	



Facing northeast.

Property Findings - Spills

Are there any air emissions sources present on the property?	None Observed
Is there shallow groundwater present on the property?	None Observed
Are there any monitoring wells present on the property?	None Observed
Are there any documented environmental sites (i.e. SWMU, ERP, LUST) present?	None Observed
Are there any vent pipes, fuel pipes, stored material refueling and loading and unloading areas present?	None Observed

HART

HONOLULU AUTHORITY for RAPID TRANSPORTATION

Is there an industrial waste collection system present? (i.e. septic or similar)	None Observed
Are there drains or sumps present?	None Observed
Is there a sanitary sewer and/or disposal systems present?	None Observed
Are there any Surface/Stormwater Systems present?	Yes
Surface/Stormwater System Description	Storm water drain on public right of way along Mokaeua Street.



Facing east/down. Storm drain manhole and inlet.

Are there any silver recovery units present?	None Observed
Are there any Oil/Water Separators (OWS) present?	None Observed
Are there any Wash Racks present?	None Observed
Are there any septic tanks present?	None Observed
Are there any grease traps present?	None Observed
Is there any other industrial equipment present? (i.e. machinery, generators, etc.)	None Observed
Are there any dry wells present?	None Observed
Any unusual odors present?	None Observed

Hazardous, Petroleum, Oil, and Lubricant Substances

Are there any Hazardous, Petroleum, Oil, and Lubricant (POL) Substances Present?	None Observed
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Tanks

Are there any underground storage tanks present?	None Observed
Are there any above ground storage tanks present?	None Observed
Are there any other tanks present on property? (non-POL or non-Hazardous)	None Observed

Property Findings - Environmental

Are there any pits, ponds, or lagoons present?	None Observed
Are there any pools of liquid present?	None Observed
Is there any stained soil present?	None Observed
Are there any other stains present?	None Observed
Is there any stressed vegetation present?	Yes
Stressed Vegetation Description	Stressed or dead shrubs with fallen leaves, likely due to poor irrigation or maintenance. Observed in the southern portion of the subject property.



Facing north.



Facing north.

Are there any non-storm water discharges present	None Observed
Are there any wetlands present?	None Observed
Are there any known sensitive cultural resources present?	None Observed

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Are there any known sensitive biological resources present?	None Observed
Are there any unusual geologic conditions present? (i.e. sinkholes or depressions)	None Observed

Utilities

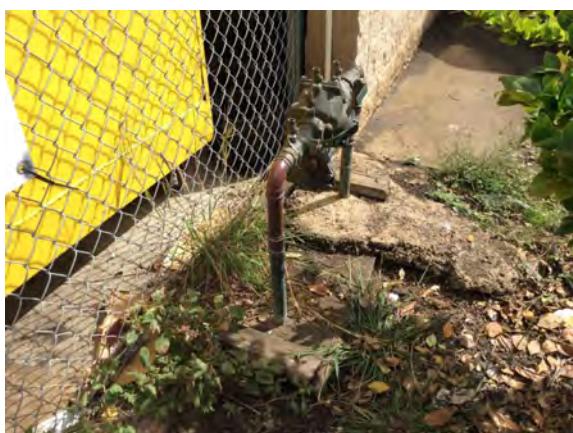
Is electricity supplied to the property?	None Observed
Are pad or pole-mounted transformers present?	None Observed
Is there a heating/cooling system present on property?	None Observed
Area there any other utilities present on the property?	Yes
Other Utilities Description	<ul style="list-style-type: none"> 1) Drip-irrigation line on landscaped area within subject property. 2) Stormwater drain line on public right of way along Mokaua Street. 3) Water supply servicing adjoining property.



Facing east/down. Drip irrigation line.



Facing southwest/down. Storm drain.



Facing northeast/down.

Property Disclosure Factors

Conduct Property Disclosure Interview Section?	No
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Adjoining Properties

Are there any adjoining properties to report?	Yes
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ID:	1207 (Cycle #1 ID: 685)
Owner of Adjoining Property	Unknown. A property representative was not available.
Direction to Adjoining Property	North
TMK of Adjoining Property	1-2-003-013
Current Use of Adjoining Property	Property available for lease.
Past Use of Adjoining Property	Unknown. A property representative was not available.



Facing northeast. Current use as Andy's Motorcycle Shop.

ID:	1208 (Cycle #1 ID: 686)
Owner of Adjoining Property	Unknown. A property representative was not available.
Direction to Adjoining Property	East
TMK of Adjoining Property	1-2-003-012
Current Use of Adjoining Property	Elevators servicing and installation.
Past Use of Adjoining Property	Unknown. A property representative was not available.

HART

HONOLULU AUTHORITY for RAPID TRANSPORTATION



Facing southeast.

ID:

1209 (Cycle #1 ID: 687)

Owner of Adjoining Property

Unknown. A property representative was not available.

Direction to Adjoining Property

South

TMK of Adjoining Property

Unknown. A property representative was not available.

Current Use of Adjoining Property

Group Builders Inc. administration, human resource, finance, purchasing offices.

Past Use of Adjoining Property

Unknown. A property representative was not available.



Facing southwest.

ID:

1210 (Cycle #1 ID: 688)

Owner of Adjoining Property

Unknown. A property representative was not available.

Direction to Adjoining Property

West

TMK of Adjoining Property

Unknown. A property representative was not available.

Current Use of Adjoining Property

Unknown. A property representative was not available.

Past Use of Adjoining Property

Unknown. A property representative was not available.

HART

HONOLULU AUTHORITY for RAPID TRANSPORTATION



Facing west. 524 Mokaea Street.

End

General Settings Photos



Facing north.

Was access to all areas of subject property provided?	No
Property access description/notes	Visual site inspection performed from public right of way.
Are there any Items of Concern to record?	Yes

ID

388 (Cycle #1 ID: 198)

Item of Concern Category

Other Consideration

Title

Concerns with adjoining property.

Description

Improper storage of drums on the adjoining property near public right of way. Drums were observed on the southwest side of the eastern-adjoining building.

HART

HONOLULU AUTHORITY for RAPID TRANSPORTATION



Facing northwest.

ID	456
Item of Concern Category	Other Consideration
Title	Stressed vegetation
Description	Stressed or dead shrubs with fallen leaves, likely due to poor irrigation or maintenance. Observed in the southern portion of the subject property.

Submission Acknowledgement	Yes

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Attachment 2
Complete Listing of CER
within the AMSD

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Attachment 2

Complete Listing of CER Records within AMSD for Subject Property

TMK: 1-2-003-012

Phase I Environmental Site Assessment for the HART City Center Section

Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
20140122-1029					
20140122-1029	0.03/N	Upgradient	HART RELEASE	Potential PCS at geotechnical boring KH-3 from approximately 2.5 feet bgs; headspace PID reading up to 3.8 ppm; ambient air PID measurements were 0 ppm. No lab data. COPCs based on target analytes for petroleum releases in TGM Table 9-5.	Likely to affect the environmental condition of the subject property. The site is upgradient and near (<-250 feet). Release to groundwater reported or assumed based on available records.
S106816881 DILLINGHAM BOULEVARD & MOKAUEA STREET DILLINGHAM BLVD. & MOKAUEA ST.	0.03/NE	Upgradient	INST CONTROL, ENG CONTROLS	Hazard managed with Engineering and Institutional Controls. However EDR from Cycle 2 reports: NFA restricted use with Engineering Controls to manage free product.	Likely to affect the environmental condition of the subject property. The site is upgradient and near (<-250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
	0.03/NE	Upgradient	SPILLS	SPILLS listing for unreported quantity of Petroleum with Result of Refer to ISST.	Likely to affect the environmental condition of the subject property. The site is upgradient and near (<-250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
U003402816 KEN T SERVICE 1901 DILLINGHAM BLVD.	0.03/N	Upgradient	FINANCIAL ASSURANCE, LUST, UST	LUST site cleanup completed (NFA) in 2003. Site is within boundaries of existing EHMP-LUC associated with 1901 Dillingham Blvd.	Likely to affect the environmental condition of the subject property. The site is upgradient and near (<-1000 feet). However, the site is within the boundaries of a Site-Specific EHE-EHMP.
S105263385 EDADES SAUSAGE FACTORY 1819 DILLINGHAM BLVD.	0.03/E	Cross Gradient	SPILLS	SOSC NFA. Solvents (sanitizing detergents); 252-gallons reported.	Likely to affect the environmental condition of the subject property. The site is crossgradient and near (<-250 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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Complete Listing of CER Records within AMSD for Subject Property

TMK: 1-2-003-012

Phase I Environmental Site Assessment for the HART City Center Section

Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
20121126-1701a 20121126-1701 1901 DILLINGHAM BLVD.	0.04/N	Upgradient	HART RELEASE	Managed under HART EHMP; Benzo[a]pyrene-contaminated soil encountered at AIS Trench C35 (stockpile sample). BaP above unrestricted EALs, but below commercial/industrial EAL; no visual contamination; no hazardous substance released; no impact to public health or environment, impacted media located at depth, groundwater not a drinking water resource.	Likely to affect the environmental condition of the subject property. The site is upgradient and near (<-250 feet). Release to groundwater reported or assumed based on available records.
S105264803 FANTASTIK AUTO REPAIR SHOP INC 1815 DILLINGHAM BLVD.	0.04/E	Cross Gradient	SPILLS	No substances or quantities reported.	Likely to affect the environmental condition of the subject property. The site is crossgradient and near (<-250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
20121126-1701b 20121126-1701 1901 DILLINGHAM BLVD.	0.04/N	Upgradient	HART RELEASE	Managed under HART EHMP; Benzo[a]pyrene-contaminated soil encountered at AIS Trench C32 (stockpile sample). BaP above unrestricted EALs, but below commercial/industrial EAL; no visual contamination; no hazardous substance released; no impact to public health or environment, impacted media located at depth, groundwater not a drinking water resource.	Likely to affect the environmental condition of the subject property. The site is upgradient and near (<-250 feet). Release to groundwater reported or assumed based on available records.
S123106534 1812 COLBURN STREET SITE 1812 COLBURN ST.	0.05/SE	Cross Gradient	INST CONTROL, HWS	SHWS listing for TPH, lead, pesticides, benzoapyrene found. Response is ongoing and institutional controls are required to manage contamination.	Likely to affect the environmental condition of the subject property. The site is crossgradient and near (<-250 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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Complete Listing of CER Records within AMSD for Subject Property

TMK: 1-2-003-012

Phase I Environmental Site Assessment for the HART City Center Section

Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
U001235411 7-11 DILLINGHAM BLVD 1900 DILLINGHAM BLVD.	0.05/N	Upgradient	FINANCIAL ASSURANCE, HWS, UST	SHWS listing for an unreported hazard present; assessment and response are not reported; site closure and controls to manage contamination are not reported. Env ID in UST and HI Financial Assurance databases (No LUST). No Release Reported. Env ID is within boundaries of site-specific EHMP/LUC associated with Dillingham Blvd and Mokaeua Street.	Likely to affect the environmental condition of the subject property. The site is upgradient, <~1000 feet and within the boundaries of a Site-Specific EHE-EHMP.
S110169199 HECO TRANSFORMER 4891 1930 DILLINGHAM BLVD.	0.06/N	Upgradient	SPILLS	SOSC NFA. HECO pad mount transformer #4891; ergon hy-volt II insulating oil; 50 gallons reported.	Likely to affect the environmental condition of the subject property. The site is upgradient and near (<~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
20191121-1523TCp 20191121-1523TC 1953 DILLINGHAM BLVD.	0.07/N	Upgradient	HART RELEASE	HART Release Report indicates contractor excavated soil from along Dillingham Boulevard from Waiaakamilo Street to Mokaeua Street using a vacuum truck. Since there were no field evidence of contamination, the soil was condensed into a stockpile and considered clean. However, the lab analysis indicates the lead exceeds the HDOH unrestricted EAL for soil.	Has the potential to affect the environmental condition of the subject property. The site is upgradient and relatively near (~250-500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
20200731-1319-IK 20200731-1319-IK IN FRONT OF 1973 DILLINGHAM BLVD.	0.09/NW	Cross Gradient	HART RELEASE	HART Release Report indicates an elevated PID reading of 59 ppm for VOCs from excavated soil from an electrical utility trench. There was no visual or olfactory evidence of contamination. 20 cubic yards of excavated soil was stockpiled and stored at 1901 Dillingham Blvd in accordance with HART EHMP.	Has the potential to affect the environmental condition of the subject property. The site is crossgradient and relatively near (~250-500 feet). Moderate or high mobility of contaminant reported or assumed based on available records.

Attachment 2

Complete Listing of CER Records within AMSD for Subject Property

TMK: 1-2-003-012

Phase I Environmental Site Assessment for the HART City Center Section

Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
S107024286 KALIHI SATELITE CITY HALL PESTICIDE APPLICATION KALANI ST.	0.09/SW	Down Gradient	SPILLS	HI SPILLS listing for an unreported quantity of ethyl carbamate with result of closed with incomplete documentation.	Has the potential to affect the environmental condition of the subject property. The site is downgradient but relatively near (~250-500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S105262961 VINTAGE CARS OF HAWAII IN DUMPSTER 1918 KALANI ST.	0.09/W	Cross Gradient	SPILLS	SOSC NFA. Vintage Cars of Hawaii in Dumpster; substance and quantity not reported.	Has the potential to affect the environmental condition of the subject property. The site is crossgradient and relatively near (~250-500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
1000374238 HALS CITY CHEVRON 1901 DILLINGHAM BLVD.	0.03/N	Upgradient	RCRA-NLR, ECHO, FINDS	Env ID in RCRA NonGen/NLR, FINDS, ECHO databases only. No Release Reported. Env ID is within boundaries of site-specific EHMP/LUC associated with 1901 Dillingham Blvd.	Not likely to affect the environmental condition of the subject property. No release associated with this ENV ID.
1005443253 ISLAND RECYCLING INC 1811 DILLINGHAM BLVD.	0.05/E	Cross Gradient	ICIS, RCRA-NLR, FINDS, AIRS (AFS)	Env ID in RCRA NonGen/NLR, ICIS, US Airs, FINDS databases only. No Release Reported.	Not likely to affect the environmental condition of the subject property. No release associated with this ENV ID.

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Complete Listing of CER Records within AMSD for Subject Property

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Phase I Environmental Site Assessment for the HART City Center Section

Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
1018274552 ISLAND RECYCLING, INC 1803 DILLINGHAM BLVD.	0.06/SE	Cross Gradient	RCRA-NLR, ECHO, FINDS	Env ID in RCRA NonGen/NLR, FINDS, ECHO databases only. No Release Reported.	Not likely to affect the environmental condition of the subject property. No release associated with this ENV ID.
S107026120 ABANDONED DRUMS AT MOKAUEA STREET MOKAUEA ST.	0.09/SW	Down Gradient	SPILLS	HI SPILLS listing for two 55-gallon abandoned drum of chlorinated solvents and paint thinners with result of SOSC NFA.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
U003541768 JUNE OTAKA 1714 COLBURN ST.	0.10/SE	Cross Gradient	UST	Env ID in UST database (No LUST). No Release Reported. 2 USTs permanently out of use and closed in 1991; 550 gallon USTs containing diesel and "other"	Not likely to affect the environmental condition of the subject property. No release associated with this ENV ID.
U001235121 K. MIURA PLUMBING, INC. 1718 HAU ST.	0.11/SE	Cross Gradient	UST	Env ID in UST database (No LUST). No Release Reported. 1 UST permanently out of use and closed in 1992; installed in 1974; 800 gallon UST containing gasoline	Not likely to affect the environmental condition of the subject property. No release associated with this ENV ID.
U001235160 AIM DILLINGHAM 1701 DILLINGHAM BLVD.	0.11/SE	Cross Gradient	FINANCIAL ASSURANCE, LUST, UST	LUST Site Cleanup with EHMP	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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Complete Listing of CER Records within AMSD for Subject Property

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Phase I Environmental Site Assessment for the HART City Center Section

Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
1004688845 OAHU SALES INC 1724 KALANI ST.	0.12/S	Down Gradient	RCRA-CESQG, ECHO, FINDS	Env ID in RCRA-CESQG, FINDS, ECHO databases only. No Release Reported.	Not likely to affect the environmental condition of the subject property. No release associated with this ENV ID.
S115554745 2016 HAU STREET 2016 HAU ST.	0.12/NW	Cross Gradient	SPILLS	SOSC NFA. Fumes from auto painting.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S106815912 ABANDONED DRUMS AT HART STREET HART ST.	0.13/SW	Down Gradient	SPILLS	HI SPILLS listing for five 55-gallon drums abandoned with result of SOSC NFA.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S107025994 MOKAUEA & HART STREETS, ABANDONED 55-GALLON DRUM HART ST. & MOKAUEA ST.	0.13/SW	Down Gradient	SPILLS	SOSC NFA. Abandoned 55-gallon drum; no substance or quantity reported.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

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Complete Listing of CER Records within AMSD for Subject Property

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Phase I Environmental Site Assessment for the HART City Center Section

Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
1000823297 TRENDS OF HAWAII 1804 HART ST.	0.13/S	Down Gradient	RCRA-NLR, ECHO, FINDS, LUST, UST	LUST site cleanup completed (NFA) in 1998.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S107024880 DILLINGHAM BOULEVARD AT KALIHI STREET, BROKEN SEWER SEWAGE S DILLINGHAM BLVD. & KALIHI ST.	0.14/SE	Cross Gradient	SPILLS	SOSC NFA. Broken sewer sewage spill; 7,200 gallons reported.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
U001235459 OTO'S SERVICE, INC. 345 MOKAUEA ST.	0.14/SW	Down Gradient	LUST, UST	LUST site cleanup completed (NFA) in 1994.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S106815264 1724 HART STREET 1724 HART ST.	0.15/S	Down Gradient	SPILLS	SPILLS listing for drum with used oil; Result is SOSC NFA.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

Attachment 2

Complete Listing of CER Records within AMSD for Subject Property

TMK: 1-2-003-012

Phase I Environmental Site Assessment for the HART City Center Section

Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
U003221595 DILLINGHAM SHELL 2066 DILLINGHAM BLVD.	0.15/NW	Cross Gradient	FINANCIAL ASSURANCE, LUST, UST	LUST Site Cleanup Completed (NFA) 2000-2005.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S107025447 HECO TRANSFORMERS 57412, 56999, 57000 KALANI ST. & KALIHI ST.	0.16/S	Down Gradient	SPILLS	SPILLS listing for<2 gallons transfoermer oil with result of SOSC	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S106819534 PACIFIC POULTRY CO LTD 1818 KANAKANUI ST.	0.18/SW	Down Gradient	SPILLS	SOSC NFA. Decomposed chicken blood; quantity not reported.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
1006819073 PACIFIC POULTRY 1804 KANAKANUI ST.	0.19/SW	Down Gradient	HWS, SPILLS	SHWS Letter of Completion unrestricted residential use in 2004 for diesel contaminated soil from UST (Response Complete). SPILLS listing for unreported quantity of diesel fuel associated with tank closure.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

Attachment 2

Complete Listing of CER Records within AMSD for Subject Property

TMK: 1-2-003-012

Phase I Environmental Site Assessment for the HART City Center Section

Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
S106818113 KALIHI PAINT SHOP IN GARAGE PUUHALE RD.	0.19/W	Cross Gradient	SPILLS	HI SPILLS: substance not report; SOSC NFA	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S105262886 ETS SUPPLY, 1630 HART STREET 1630 HART ST.	0.19/S	Down Gradient	SPILLS	SPILLS listing for unreported quantity of diesel fuel with result of SOSC NFA.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S106815329 2130 KAMEHAMEHA HIGHWAY, SEWAGE SPILL CAUSED BY GREASE 2130 KAMEHAMEHA HWY.	0.20/NW	Cross Gradient	SPILLS	SOSC NFA. Sewage spill caused by grease; 50-gallons reported.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S126283133 PUUHALE ELEMENTARY SCHOOL BUILDING EXTERIOR SOILS 345 PUUHALE RD.	0.21/W	Cross Gradient	HWS	SHWS listing for an unreported hazard present; assessment and response are not reported; site closure and controls to manage contamination are not reported.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

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Complete Listing of CER Records within AMSD for Subject Property

TMK: 1-2-003-012

Phase I Environmental Site Assessment for the HART City Center Section

Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
S111677114 CHECKER AUTO 1555 DILLINGHAM BLVD.	0.22/SE	Cross Gradient	SPILLS	SOSC NFA. Paint; four gallons reported.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Due to small quantity, release to groundwater is unlikely. Also, low mobility of contaminant reported or assumed based on available records.
U001235133 MCKINLEY MOTOR SERVICE INC. 333 KALIHI ST.	0.22/S	Down Gradient	FINANCIAL ASSURANCE, LUST, UST	LUST site cleanup completed (NFA) in 1997.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S106815296 1918 REPUBLICAN STREET 1918 REPUBLICAN ST.	0.23/SW	Down Gradient	SPILLS	SOSC NFA. Two 55-gallon drums of oil reported.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
U003154781 FAY INVESTMENTS ASSOCIATES 1808 REPUBLICAN ST.	0.23/SW	Down Gradient	LUST, UST	LUST site cleanup completed (NFA) in 1996.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

Complete Listing of CER Records within AMSD for Subject Property**TMK: 1-2-003-012*****Phase I Environmental Site Assessment for the HART City Center Section***

Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
S106815330 2137 KAUMALII STREET 2137 KAUMALII ST.	0.24/N	Upgradient	SPILLS	SOSC NFA. Oil from transformer potentially containing PB; quantity not reported.	Not likely to affect the environmental condition of the subject property. The site is upgradient but distant (>~1000 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
U003541704 LOOMIS ARMORED INC. 1540 KALANI ST.	0.24/SE	Cross Gradient	LUST, UST	LUST site cleanup completed (NFA) in 2002.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S126283274 YUE-FUNG KWAN PROPERTY UST 2008 REPUBLICAN ST.	0.24/SW	Down Gradient	HWS	SHWS listing for an unreported hazard present; assessment and response are not reported; site closure and controls to manage contamination are not reported.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S110061865 YUE-FUNG KWAN CONSTRUCTION SITE 2004-2008 REPUBLICAN ST.	0.25/SW	Down Gradient	SPILLS	SPILLS listing for 5 gallons of waste oil released. EDR reports result as "Refer to SDAR."	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
S106820251 ROSS' APPLIANCES AND FURNITURE 1622 KANAKANUI ST.	0.25/S	Down Gradient	SPILLS	SPILLS listings for unreported quantity of oil, unreported quantity of R-22 Ref. and compressor oil, 2 pounds of sulfur dioxide.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S106815294 1913 REPUBLICAN STREET PESTICIDE CONTAINER 1913 REPUBLICAN ST.	0.25/SW	Down Gradient	SPILLS	SOSC NFA. Unknown, pesticide suspected because of odor; less than 1-gallon reported.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
U001235661 SIGN DESIGN 1805 REPUBLICAN ST.	0.25/SW	Down Gradient	LUST, UST	LUST site cleanup completed (NFA) in 1998.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
U001235946 HAWAII PRESS NEWSPAPER, INC 2100 N. NIMITZ HWY.	0.27/W	Cross Gradient	LUST, UST	LUST site cleanup completed (NFA) in 1998.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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S106819381 OAHU COMMUNITY CORRECTIONAL CENTER 2199 KAMEHAMEHA HWY.	0.27/NW	Cross Gradient	SPILLS	Mercury release; quantity not reported. Inorganic solid waste release; 0.0625 tons.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
U003402811 HELE DILLINGHAM #61012 1529 DILLINGHAM BLVD.	0.27/SE	Cross Gradient	FINANCIAL ASSURANCE, LUST, UST	LUST site cleanup completed (NFA) 5/13/1996. Substance and quantity not reported.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
U001235142 PNEUMATIC EQUIPMENT CO. 1806 HOMERULE ST.	0.28/SW	Down Gradient	LUST, UST	LUST site cleanup complete (NFA) in 2012.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S107025764 ALLEGED OIL SPILL - KALANI & MCNEILL STREETS KALANI ST. & MCNEILL ST.	0.28/SE	Cross Gradient	SPILLS	SOSC NFA. Alleged oil spill.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

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S113230429 1950 HOMERULE STREET 1950 HOMERULE ST.	0.28/SW	Down Gradient	HWS, SPILLS	SHWS No Action Letter with No Hazard for Unrestricted Use based on PAHs. HI SPILLS listing for PAHS with Result of SOSC NFA.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S126282779 KALIHI KAI ELEMENTARY SCHOOL BUILDING EXTERIOR SOILS 626 MCNEILL ST.	0.28/E	Cross Gradient	HWS	SHWS listing for an unreported hazard present; assessment and response are not reported; site closure and controls to manage contamination are not reported.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S106820216 RELIABLE FIRE PROTECTION 1714 HOMERULE ST.	0.28/SW	Down Gradient	SPILLS	HI SPILLS; SOSC NFA. Four 55-gallon abandoned drums; oil, waste.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
U003402819 76 CARL'S JR. - NIMITZ #108 2140 N. NIMITZ HWY.	0.29/W	Cross Gradient	FINANCIAL ASSURANCE, LUST, UST	LUST site cleanup completed (NFA) in 1999 and 2009.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
S105264120 808 FACTORY STREET, CHEMICAL DISCHARGE 808 FACTORY ST.	0.29/N	Upgradient	SPILLS	SOSCA NFA. Chemical discharge; cleaner substance; quantity not reported.	Not likely to affect the environmental condition of the subject property. The site is upgradient but relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
U003154455 HONOLULU PLUMBING COMPANY, LTD 1909 HOMERULE ST.	0.30/SW	Down Gradient	LUST, SPILLS, UST	LUST site cleanup complete (NFA) in 1997.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
U003541773 M K EQUIPMENT CORPORATION 1811 HOMERULE ST.	0.30/SW	Down Gradient	LUST, UST	LUST site cleanup complete (NFA) in 1996.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
U003221733 STATE T.L. EQUIPMENT CORP. (EQUI 1729 HOMERULE ST.	0.30/SW	Down Gradient	LUST, UST	LUST site cleanup complete (NFA) in 2001.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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S107025876 DILLINGHAM WATER MAIN PROJECT SOIL PILE BANNISTER ST. & LAUMAKA ST.	0.31/N	Upgradient	SPILLS	SOSC NFA. Water main project soil pile; substance and quantity not reported.	Not likely to affect the environmental condition of the subject property. The site is upgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S106817214 GULICK AVENUE & STANLEY STREET GULICK AVE. & STANLEY ST.	0.31/N	Upgradient	SPILLS	SOSC NFA. Oil, gas; quantity not reported.	Not likely to affect the environmental condition of the subject property. The site is upgradient but relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S106815708 754 GULICK AVENUE, CLANDESTINE LAB 754 GULICK AVE.	0.31/N	Upgradient	SPILLS	SOSC NFA. Clandestine lab; substance and quantity not reported.	Not likely to affect the environmental condition of the subject property. The site is upgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S106820624 THOHT PROPERTY 636 LAUMAKA ST.	0.31/NW	Cross Gradient	HWS, SPILLS	SHWS listing for an unreported hazard present; assessment and response are not reported; site closure and controls to manage contamination are not reported; updated 5/31/19; under RCRA program. SPILLS: Gasoline; quantity not reported. Refer to ISST for 'Result'.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

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U003711688 MORRIS ANGELO 905 FACTORY ST.	0.31/NE	Upgradient	LUST, UST	LUST Site Cleanup Completed (NFA) in 1999.	Not likely to affect the environmental condition of the subject property. The site is upgradient but distant (>~1000 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
U003221579 ED DANG MACHINE WORKS, INC. 1804 DEMOCRAT ST.	0.32/SW	Down Gradient	LUST, UST	LUST site cleanup complete (NFA) in 2002.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
U003346378 RAKUYO KEN U.S.A. 804 GULICK AVE.	0.32/N	Upgradient	LUST, UST	LUST Site Cleanup Completed (NFA) in 1998.	Not likely to affect the environmental condition of the subject property. The site is upgradient but distant (>~1000 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S107025935 REPUBLICAN & LIBBY STREETS, BURNT VAN LIBBY ST. & REPUBLICAN ST.	0.33/S	Down Gradient	HWS, SPILLS	SHWS listing for an unreported hazard present; assessment and response are not reported; site closure and controls to manage contamination are not reported. SPILLS listing for a burnt van; substance and quantity not reported. EDR reports result as "Refer to ISST."	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

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Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
S106815475 315 SAND ISLAND ACCESS ROAD 315 SAND ISLAND ACCESS RD.	0.34/W	Cross Gradient	SPILLS	SOSC NFA. Waste oil; quantity not reported.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S115555258 HPC FOODS UST RELEASE 288 LIBBY ST.	0.34/S	Down Gradient	SPILLS	SPILLS: Petroleum; unknown quantity reported. Result is Not Reported.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
U003541731 PACIFIC TIRE 1955 N. KING ST.	0.35/NE	Upgradient	LUST, UST	LUST Site clean-up completed (NFA) in 1993	Not likely to affect the environmental condition of the subject property. The site is upgradient but distant (>~1000 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S105263789 HY PAC STORAGE H-100 2150 N. NIMITZ HWY.	0.35/NW	Cross Gradient	SPILLS	SPILLS listing for unreported quantity of acetone with Result of SOSC NFA. Also SPILLS listing for denatured alcohol and MAPP gas cylinder with Results of SOSC NFA.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
S106820126 PROPANE SMELL, CORNER OF KALIHI & DEMOCRAT 260 KALIHI ST.	0.35/SW	Down Gradient	SPILLS	SOSC NFA. Propane smell, corner of Kalihi & Democrat; quantity not provided.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
U003402841 BENIYA SHOKUDO CATERING 1448 KALANI ST.	0.36/SE	Cross Gradient	LUST, UST	LUST site cleanup completed (NFA) in 1999.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S115554737 1824 KAHAI STREET ABANDONED PAINT CONTAINERS 1824 KAHAI ST.	0.36/SW	Down Gradient	SPILLS	SOSC NFA. Abandoned paint containers; 15-gallons reported.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
1006820199 FACTORY STREET LEAD 2003 N. KING ST.	0.36/NE	Upgradient	INST CONTROL, ENG CONTROLS, HWS, SPILLS	Engineering controls in place to cap lead contaminated soil. Response ongoing.	Not likely to affect the environmental condition of the subject property. The site is upgradient but relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

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1003879898 FACTORY STREET SITE 2003 N. KING ST.	0.36/NE	Upgradient	SEMS-ARCHIVE	Superfund Enterprise Management Site (SEMS) listing - NFRAP – site does not qualify for NPL based on existing information	Not likely to affect the environmental condition of the subject property. No release associated with this ENV ID.
S105263116 1470 DILLINGHAM BOULEVARD, BLDG B, CHEMICAL ODOR 1470 DILLINGHAM BLVD.	0.36/SE	Cross Gradient	SPILLS	SOSC NFA. Chemical odor reported.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S115554886 CONTAINERS ABANDON ON SIDEWALK 1922 KAHAI ST.	0.36/SW	Down Gradient	SPILLS	Containers abandoned on sidewalk; substance unknown; quantity not reported. SOSC NFA.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S106819461 OKUDA METAL INC. 1804 KAHAI ST.	0.36/SW	Down Gradient	SPILLS, SWRCY	SWRCY listing, materials reported as source separated scrap metals; current status or case closure not reported. SPILLS listing, result of SOSC NFA. Substance and quantity not reported.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

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S106815351 2238 KALUAOPALENA STREET, SEWAGE/GREASE SPILL 2238 KALUAOPALENA ST.	0.37/NW	Cross Gradient	SPILLS	SOSC NFA. Sewage/grease spill; quantity not reported.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S106815288 1883 NORTH KING STREET -905 MOKAUEA STREET 1883 N. KING ST.	0.37/NE	Upgradient	SPILLS	SOSC NFA. Sewage spill: 25-gallons reported.	Not likely to affect the environmental condition of the subject property. The site is upgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S106815718 824 BANNISTER STREET, ABANDONED DRUMS 824 BANNISTER ST.	0.38/N	Upgradient	SPILLS	Abandoned drums; oil and paint sludge.	Not likely to affect the environmental condition of the subject property. The site is upgradient but distant (>~1000 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
1000122579 C P M & F INC 285 SAND ISLAND ACCESS RD.	0.38/W	Cross Gradient	RCRA-NLR, LUST, UST	LUST site cleanup complete (NFA) in 1996.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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U003221745 HPC FOODS, LTD. - REPAIR SHOP 1612 DEMOCRAT ST.	0.38/S	Down Gradient	LUST, UST	LUST site cleanup complete (NFA) in 1998.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
U001235159 TAGAMI AUTO SERVICE, LTD. 1733 KAHAI ST.	0.39/SW	Down Gradient	FINANCIAL ASSURANCE, LUST, UST	LUST site cleanup complete (NFA) in 2003.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
U001235069 A. B. DELA CRUZ, INC. (AKA YOUNG'S VARIETY STORE) 243 KALIHI ST.	0.39/S	Down Gradient	LUST, UST	LUST site, Monitored Natural Attenuation; 11/19/2002	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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S118422974 HECO PAD-MOUNTED TRANSFORMER #29743 RELEASE 755 MC NEILL ST.	0.39/E	Cross Gradient	SPILLS	HI SPILLS: >15 gallons of transformer oil	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S106820780 USCGC JARVIS JET FUEL SPILL 400 SAND ISLAND ACCESS RD.	0.39/W	Cross Gradient	SPILLS	HI SPILLS listing for multiple incidents involving jet fuel, diesel fuel, hydraulic oil, paint oil, and multiple observations of sheen from unknown oil. Results are SOSC NFA for all spills.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
1006819041 OAHU CHEMICAL WORKS 1648 KAHAI ST.	0.39/S	Down Gradient	SPILLS	SOSC NFA. Ammonia; 55 gallons reported.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S105263724 HECO TRANSFORMER 715 UMI STREET 715 UMI ST.	0.40/N	Upgradient	SPILLS	SOSC NFA. HECO Transformer oil; >25 gallons.	Not likely to affect the environmental condition of the subject property. The site is upgradient but distant (>~1000 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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S106819069 MECHANICAL DOOR SERVICING COMPANY INC 908 BANNISTER ST.	0.40/N	Upgradient	SPILLS	SOSC NFA. Oil; 15 gallons reported.	Not likely to affect the environmental condition of the subject property. The site is upgradient but relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S107025347 BATTERY ACID/ANTI-FREEZE SMELL IN KALIHI KAI KAHAI ST. & PUUHALE RD.	0.40/SW	Down Gradient	SPILLS	SOSC NFA. Battery acid/anti-freeze smell; quantity not reported.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
1000934769 HAWAII DAIRY HOLDINGS, INC DBA FOREMOST DAIRIES 2277 KAMEHAMEHA HWY.	0.40/NW	Cross Gradient	VCP, FINANCIAL ASSURANCE, HWS, LUST, UST	SHWS listing for petroleum contaminated soil with lead, TPH, and heptachlor found. Granted NFA Unrestricted Residential Use (8/25/2005), but also says Response Ongoing and has a Site Closure Type for NFA - Type Undetermined. Site also has LUST site cleanup completed (NFA) in 1999 and 2005.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S106817876 HOUSE FOODS, HAWAII (FOREMOST) 2277 KAMEHAMEHA HWY.	0.40/NW	Cross Gradient	SPILLS	SOSC NFA. Anhydrous ammonia release; 710 lbs reported.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

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1000224443 SAFETY KLEEN CORP 7 183 04 723 UMI ST.	0.40/N	Upgradient	RCRA-NLR, RCRA-TSDF	Listing in RCRA Treatment, Storage, and Disposal Facility (TSDF) and RCRA NonGen/NLR databases. No release reported.	Not likely to affect the environmental condition of the subject property. No release associated with this ENV ID.
S105262605 CHEMI-PURE TRUCK ENROUTE ON MOANALUA HIGHWAY, DIAMOND HEAD B 1615 DEMOCRAT ST.	0.40/S	Down Gradient	SPILLS	SOSC NFA. Parthion; 20-gal reported.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S105263221 AMERICAN CARPETONE 302 SAND ISLAND ACCESS RD.	0.40/W	Cross Gradient	SPILLS	SOSC NFA. Asbestos reported; quantity not reported.	Not likely to affect the environmental condition of the subject property. No release associated with this ENV ID.
U004223403 AIM KING STREET 1860 N. KING ST.	0.41/NE	Upgradient	FINANCIAL ASSURANCE, LUST, UST	Active remediation 12/09/2009	Not likely to affect the environmental condition of the subject property. The site is upgradient but distant (>~1000 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
S106815364 2310 KAMEHAMEHA HIGHWAY, SEWAGE SPILL 2310 KAMEHAMEHA HWY.	0.41/NW	Cross Gradient	SPILLS	SOSC NFA. Sewage spill; three gallons.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
U001235428 IES RETAIL KALIHI 1715 N. KING ST.	0.41/NE	Upgradient	FINANCIAL ASSURANCE, LUST, UST	LUST Site clean-up completed (NFA) in 2002	Not likely to affect the environmental condition of the subject property. The site is upgradient but distant (>~1000 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
U001235072 ASSOCIATED STEEL WORKERS, LTD. 1714 SILVA ST.	0.42/SW	Down Gradient	LUST, UST	Site clean-up completed with EHMP 04/16/2010	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S121406118 HSI MECHANICAL 227-230 PUUHALE RD.	0.42/SW	Down Gradient	INST CONTROL, HWS	SHWS listing for POL. Granted NFA restricted use (8/14/2017) with institutional controls to manage contamination.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

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Complete Listing of CER Records within AMSD for Subject Property

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Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
S106815352 227 KALIHI STREET, SEWAGE SPILL 227 KALIHI ST.	0.42/S	Down Gradient	SPILLS	SOSC NFA. Sewage spill; quantity not reported.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S106815700 730 UMI STREET, SEWAGE BACKUP 730 UMI ST.	0.43/N	Upgradient	SPILLS	SOSCA NFA. Sewage backup.	Not likely to affect the environmental condition of the subject property. The site is upgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S106816557 BIOTERRORISM HOAX (3 MAIL THREATS) 101 BISHOP ST., 1810 N. KING ST., 98-1637 KIAWE ST.	0.43/NE	Upgradient	SPILLS	SOSC NFA. Copper sulfate; 0.5-pounds reported.	Not likely to affect the environmental condition of the subject property. The site is upgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
U003221882 KAMEHAMEHA HOUSING PROJECT 1629 HAKA DR.	0.43/E	Cross Gradient	LUST, UST	LUST Site clean-up completed (NFA) in 1997	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
S106816661 PUUHALE/ KAHAI STREET 220 PUUHALE RD.	0.43/SW	Down Gradient	SPILLS	SOSCA NFA. Cooking grease; 25-gallons. Paint; no quantity reported.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S106818086 KALAKAUA INTERMEDIATE SCHOOL ALOKELE ST.	0.43/E	Cross Gradient	SPILLS	HI SPILLS listing for an unreported quantity of PCB with result of SOSC NFA.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
1006843326 C&CH KALIHI FIRE STATION 1742 N. KING ST.	0.43/NE	Upgradient	LUST, UST	LUST Site clean-up completed (NFA) in 1994	Not likely to affect the environmental condition of the subject property. The site is upgradient but distant (>~1000 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S107024584 PACIFIC REFUSE & DISPOSAL CO, ACID IN DUMPSTER SILVA ST.	0.44/SW	Down Gradient	SPILLS	HI SPILLS listing for an unreported quantity of acid in a dumpster with result of SOSC NFA. Site is within boundaries of existing EHMP/LUC associated with Associated Steel Workers, LLC site.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

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S126282783 KAMEHAMEHA HOMES DEMOLITION KALIHI ST. & KING ST.	0.44/NE	Upgradient	HWS	SHWS listing for an unreported hazard present; assessment and response are not reported; site closure and controls to manage contamination are not reported.	Not likely to affect the environmental condition of the subject property. The site is upgradient but relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
1000823214 AIRGAS USA LLC 2305 KAMEHAMEHA HWY.	0.44/NW	Cross Gradient	SEMS-ARCHIVE, RCRA-CESQG, ECHO, FINDS, HAZNET	ENV ID listing is for SEMS-ARCHIVE, RCRA-VSQG, FINDS, ECHO, and CA HAZNET databases. No violations and no release reported.	Not likely to affect the environmental condition of the subject property. No release associated with this ENV ID.
S106817168 GASPRO - HONOLULU 2305 KAMEHAMEHA HWY.	0.44/NW	Cross Gradient	SPILLS	SOSC NFA. Gas cylinder; substance not reported; one cylinder. SOSC NFA. Mineral oil; two quarts.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
U001235265 GASPRO (KALIHI FACILITY) 2305 KAMEHAMEHA HWY. / P.O. BOX 30707	0.44/NW	Cross Gradient	LUST, UST	LUST site cleanup complete (NFA) in 1997.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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U001237397 GASPRO INC 2305 KAMEHAMEHA HWY.	0.44/NW	Cross Gradient	HWS, LUST, UST	SHWS listing for no reportable spill and granted historic NFA - Incomplete Documentation (2/5/1995). LUST site cleanup complete in 1996 (NFA).	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
1006821075 HGP INC 2305 KAMEHAMEHA HWY.	0.44/NW	Cross Gradient	SPILLS	SOSC NFA. Many pesticides; quantity not reported.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S106818117 KALIHI STREAM AT 2305 KAMEHAMEHA HIGHWAY 2305 KAMEHAMEHA HWY.	0.44/NW	Cross Gradient	SPILLS	SPILLS SOSC NFA. 1 gallon oil.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S105262589 ABOVE GROUND STORAGE TANK AT AL-PAC (PEPSI-BOTTLING) 315 WAIAKAMIO RD.	0.44/SE	Cross Gradient	SPILLS	SOSC NFA. Ammonia; 100 gallons.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

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S106819705 PENNZOIL DISTRIBUTORS OF HAWAII, INC. 205 MOKAUEA ST.	0.45/SW	Down Gradient	SPILLS	SOSC NFA. Oil, engine; 275 gallons reported.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
U003790348 R&S PLUMBING INC 1744 HOE ST.	0.45/SW	Down Gradient	LUST, UST	LUST site cleanup complete (NFA) in 2001.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S106819941 PIER 39 TRENCHING N NIMITZ HWY. & WAIAKAMIMO RD.	0.46/S	Down Gradient	SPILLS	Oil, car, and metal strapping.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S106817180 FORMER GENERAL TIRE PETROLEUM CONTAMINATION 505 WAIAKAMIMO RD.	0.46/SE	Cross Gradient	HWS, SPILLS	SHWS NFA unrestricted residential use following completed response for petroleum in soil. SPILLS listing for unreported quantity substance associated with a hydraulic oil release with Result of Refer to ISST.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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S120822183 PACIFIC SHIPYARDS PIER 41	0.46/S	Down Gradient	SPILLS	SPILLS Result Not Reported. 4 gallons hydraulic oil spill Pier 41.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
U003221685 BROWNING-FERRIS INDUSTRIES OF HAWAII 207 PUUHALE RD.	0.46/SW	Down Gradient	LUST, UST	LUST site cleanup complete (NFA) in 2002.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
1000316728 IES RETAIL KALIHI STREAM 2160 N. KING ST.	0.46/N	Upgradient	FINANCIAL ASSURANCE, LUST, UST	LUST Site clean-up completed (NFA) in 1995	Not likely to affect the environmental condition of the subject property. The site is upgradient but distant (>~ 1000 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S106815365 GEXPRO 2312 KAMEHAMEHA HWY.	0.46/NW	Cross Gradient	SPILLS	SOSC NFA for 50 gallon sewage spill. also a<1 gallon hydraulic fluid spill with a response activity and result no	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

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Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
U001235267 HARDERS CO. 2312 KAMEHAMEHA HWY., BLDG. H-2	0.46/NW	Cross Gradient	LUST	LUST Site clean-up completed with EHMP in 2013	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S106815355 2280 ALAHAO PLACE 2280 ALAHAO PL.	0.46/W	Cross Gradient	SPILLS	SOSC NFA. Spill reported in front of 2280 Alahao Place; substance and quantity not reported.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S111676954 ARIA ENVIRONMENTAL GROUP, INC. 2290 ALAHAO PL., #202	0.46/W	Cross Gradient	LEAD, HWS, SPILLS	SHWS listing for an unreported hazard present; under PA/SI program in HEER; assessment and response are not reported; updated on 6/3/20. HI SPILLS listing for an unknown substance; strong odor in air- NRC721765; SOSC NFA.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
U001235128 MERCANTILE TRUCKING SERVICE 2280 ALAHAO PL.	0.46/W	Cross Gradient	LUST, UST	LUST site cleanup completed (NFA) in 2006.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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S106815121 1034 HARVEY LANE, LARGE TRASH BAG 1034 HARVEY LN.	0.47/NE	Upgradient	SPILLS	SOSC NFA. Large trash bag reported.	Not likely to affect the environmental condition of the subject property. The site is upgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S108859743 KERR PACIFIC CORPORATION DBA HFM FOODSERVICE 716 UMI ST.	0.47/N	Upgradient	SPILLS	SOSC NFA. Motor oil release; 47 gallons reported.	Not likely to affect the environmental condition of the subject property. The site is upgradient but distant (>~1000 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
U001235221 HAWAIIAN BITUMULS & PAVING 248 SAND ISLAND ACCESS RD.	0.47/W	Cross Gradient	INST CONTROL, AIRS, HWS, LUST, UST	SHWS listing for petroleum in soil and groundwater. Granted NFA restricted use (1/28/2000) with controls required to manage contamination. LUST site cleanup completed in 2000 (NFA)	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
1015733379 HAWAIIAN BITUMULS AND PAVING 248 SAND ISLAND ACCESS RD.	0.47/W	Cross Gradient	SEMS-ARCHIVE, RCRA-NLR, FINDS	Env ID in SEMS-ARCHIVE, RCRA NonGen/NLR, FINDS databases only. No Release Reported. Discovery complete 06/06/1991; Preliminary Assessment 09/08/1992; Higher priority for further assessment; Site inspection and archive site 09/30/1998.	Not likely to affect the environmental condition of the subject property. No release associated with this ENV ID.

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U004130649 BOB'S BAR B QUE 1366 DILLINGHAM BLVD.	0.47/SE	Cross Gradient	LUST, UST	LUST site cleanup completed (NFA) in 2010.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S115488666 1385 COLBURN STREET 1385 COLBURN ST.	0.48/SE	Cross Gradient	SPILLS	Benzo(a)pyrene release of unspecified quantity. States to refer to SDAR.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
	0.48/SE	Cross Gradient	HWS	Low hazard priority; hazard undetermined; assessment ongoing; restrictions undetermined; response, contamination, engineering control not reported	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
U003832857 D&N AUTO BODY AND PAINTING INC 1615 SILVA ST.	0.48/S	Down Gradient	LUST, UST	LUST site cleanup completed in 2002 (NFA)	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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1006820309 AMAZON CONSTRUCTION 233 SAND ISLAND ACCESS RD.	0.48/W	Cross Gradient	SPILLS	Two HI SPILLS listings: 1) unreported quantity of transmission fluid (SOSC NFA); 2) 400 gallons diesel fuel (SOSC NFA)	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S110169078 609 WAIAKAMIMO ROAD UST 609 WAIAKAMIMO RD.	0.48/SE	Cross Gradient	HWS, SPILLS	500 Gal Tank Permanently out of use.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
U004130651 PROPERTY 64 WAREHOUSE 609 WAIAKAMIMO RD.	0.48/SE	Cross Gradient	LUST, UST	500 Gal Diesel Tank permanently out of use.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
U001235654 HAWAIIAN CANDIES & NUTS. LTD 707 WAIAKAMIMO RD.	0.48/E	Cross Gradient	LUST, UST	LUST Site Cleanup Completed (NFA) in 1991. Diesel	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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U003154760 TOUCHSTONE 231 SAND ISLAND ACCESS RD.	0.48/W	Cross Gradient	LUST, UST	LUST site cleanup complete (NFA) in 2002.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S105263897 1435 ALOKELE STREET, LEAKING OIL DRUM 1435 ALOKELE ST.	0.48/E	Cross Gradient	SPILLS	SOSC NFA. Leaking oil drum: quantity not reported.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
1006820505 APPLY-A-LINE AUIKI STREET 1658 AUIKI ST.	0.48/S	Down Gradient	SPILLS	SOSC NFA. Paint; quantity not reported. Also 5 gallons adhesive substance caught on fire.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
U001236022 FIRST HAWAIIAN BANK - KAMEHAMEHA INDUSTRIAL CENTER 2339 KAMEHAMEHA HWY.	0.49/NW	Cross Gradient	FINANCIAL ASSURANCE, SPILLS, UST	Two SPILLS listings: 1) Unreported quantity of unreported substance (SOSC NFA); 2) unreported quantity of Oil, waste (SOSC NFA)	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

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U001235530 F.T. OPPERMAN & COMPANY 2340-B KAMEHAMEHA HWY.	0.49/NW	Cross Gradient	LUST, UST	LUST Site Cleanup Completed (NFA) in 2001	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
U001235542 HONOLULU BODY & FENDER SHOP 131 MOKAUEA ST.	0.49/SW	Down Gradient	LUST, UST	LUST site cleanup complete (NFA) in 1999.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S107025595 AUIKI & SILVA STREETS, STORM DRAIN AUIKI ST. & SILVA ST.	0.49/S	Down Gradient	SPILLS	SPILLS SOSC NFA. Unreported substance associated with storm drain.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S105262622 OUTSIDE BUILDING AT ROYAL STAMPS 727 WAIKAMIMO RD.	0.49/E	Cross Gradient	SPILLS	SOSC NFA. Uncapped syringe needle reported.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

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S117391765 1114 KAILI ST.	0.49/NE	Upgradient	SPILLS	HECO pole-mounted transformer #58764 release; transformer oil; greater than three gallons.	Not likely to affect the environmental condition of the subject property. The site is upgradient but distant (>~1000 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S106816501 BFI DUMPSTER SAND ISLAND 1708 AUIKI ST.	0.50/SW	Down Gradient	SPILLS	SOSC NFA: BFI dumpster Sand Island; ethylene glycol; 1 gallon reported.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
1006823116 KEEHI LAGOON HOONEE PL.	0.50/W	Cross Gradient	SPILLS	HI SPILLS: substance not reported; SOSC NFA	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S111676925 1117 KAILI STREET MEDICAL WASTE DUMPING 1117 KAILI ST.	0.50/NE	Upgradient	SPILLS	SOSC NFA. Medical waste dumping reported: One drum (potentially 55-gallon).	Not likely to affect the environmental condition of the subject property. The site is upgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

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S106820714 UNITED LAUNDRY CLOUDY WHITE STREAM 2291 ALAHAO PL.	0.50/W	Cross Gradient	DRYCLEANERS, AIRS, HWS, SPILLS	SHWS listing for an unreported hazard present; assessment and response are not reported; site closure and controls to manage contamination are not reported. HI SPILLS listing for multiple chlorine gas releases; 20 pounds of 12% sodium hypochlorite and 35% phosphoric acid with result "Closed Incomplete Documentation," and an unreported quantity of titanium dioxide with result "Refer to CWB."	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
1006821063 HAWAIIAN MISO AND SOY 1714 MARY ST.	0.50/SW	Down Gradient	HWS, SPILLS	SHWS NFA unrestricted residential use in 2005 following completed response for petroleum in soil and groundwater (no contamination left onsite above EALS). HI SPILLS listings for diesel fuel all SOSC NFA.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S108009312 YOUNG BROTHERS, LTD. PIERS 39, 40 1331 N. NIMITZ HWY.	0.51/S	Down Gradient	HWS, SPILLS	SHWS listing for unreported contamination with Assessment Ongoing and unreported closure. SPILLS listings for 35 gallons "hydraulic" (SOSC NFA), 1 gallon medical waste (SOSC NFA), 16 ounces Quest 134A Refrigerant (SOSC NFA), >100 gallons hydraulic oil (SOSC NFA), 20 gallons diesel fuel (SOSC NFA).	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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TMK: 1-2-003-012

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Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
S110061575 KAMEHAMEHA SCHOOLS - 1336 DILLINGHAM BOULEVARD 1336 DILLINGHAM BLVD.	0.52/SE	Cross Gradient	HWS, SPILLS	SHWS Response Ongoing for TCE in groundwater. Controls required to manage contamination. SPILLS Case for Chlorinated Cleaners, Diesel.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S106818797 LONGS DRUG STORES WAREHOUSE 2270 HOONEE PL.	0.52/W	Cross Gradient	INST CONTROL, ENG CONTROLS, HWS, SPILLS	SHWS listing shows petroleum found in soil and groundwater. Granted NFA Restricted Use (1/30/2014) with Institutional and Engineering Controls; prohibit excavation. HI SPILLS listing for unreported quantity of petroleum (diesel with oil) with result not reported.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
1007277849 FARRINGTON HIGH SCHOOL 1564 N. KING ST.	0.52/E	Cross Gradient	FTTS, HIST FTTS, HWS, SPILLS	Assessment ongoing for petroleum in soil. Investigation ongoing for asbestos.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S106815169 1305 HART STREET 1305 HART ST.	0.53/SE	Cross Gradient	INST CONTROL, HWS, SPILLS	SHWS database has a listing NFA restricted use with controls required to manage lead contamination in soil. SPILLS database listings for vinyl chloride, lead with a Result of Refer to Inisital Site Screening Team (ISST).	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

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Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
U003221615 TRANS HAWAIIAN - OAHU, INC. 124 PUUAHE RD.	0.53/SW	Down Gradient	HWS, LUST, UST	SHWS listing for no hazard, no HEER Environmental Interest. Granted unrestricted residential use (11/8/2001). LUST site cleanup completed in 2007 (NFA).	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S126283143 SADD LAUNDRY AND DRY CLEANING 1359 COLBURN ST.	0.53/SE	Cross Gradient	HWS	SHWS listing for an unreported hazard present; assessment and response are not reported; site closure and controls to manage contamination are not reported.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S106817239 HAGADONE PRINTING COMPANY SAND ISLAND 2278 HOONEE PL.	0.54/W	Cross Gradient	INST CONTROL, HWS	SHWS listing shows petroleum found in soil and groundwater. Granted NFA restricted use (3/16/2004) with institutional controls required to manage contamination.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S110061241 180 SAND ISLAND ACCESS RD 180 SAND ISLAND ACCESS RD.	0.56/W	Cross Gradient	HWS	SHWS listing shows lead present in the soil and concentrations above HDOH EAL and petroleum contamination found in soil near southwest boundary. Response ongoing and controls required to manage contamination.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

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Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
S105264496 ROAD BUILDERS INC, DIESEL/USED OIL 1845 AUIKI ST.	0.57/SW	Down Gradient	INST CONTROL, HWS, SPILLS	SHWS database listing with NFA restricted use with Institutional Controls for PCBs in soil; also a SPILLS listing for diesel and used oil with result of SOSC NFA	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>-250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S104534384 STATE POULTRY PROCESSORS FACILITY 2132 KALIWA ST.	0.57/SW	Down Gradient	HWS, SPILLS	SHWS listing shows Hazard as diesel, Assessment Ongoing, and NFA with Undetermined Use (9/1/1998).	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>-500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
U003154613 PAUL YOUNG DRY CLEANERS 1930 AUIKI ST.	0.58/SW	Down Gradient	DRYCLEANERS, AIRS, HWS, LUST, SPILLS, UST	SHWS listing for an unreported hazard present; assessment and response are not reported; site closure and controls to manage contamination are not reported; updated 12/18/19. LUST cleanup completed in 1995 (NFA). One closed UST. SPILLS listing is for a perchloroethylene is present; remedial action and case closure not reported. On HI Drycleaners database. AIRS permit expires in 2022.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>-500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
S110061243 218 MOHONUA PLACE 218 MOHONUA PL.	0.60/W	Cross Gradient	HWS	SHWS listing shows arsenic, cadmium, lead, mercury, and TPH diesel and oil in soil above HDOH Interim Final EAL and Petroleum impacted soil in western portion. Also lead in groundwater above HDOH Interim Final EAL in a temporary well on the southwest-central portion of the site. Response Ongoing and controls required to manage contamination.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S110061240 158 SAND ISLAND ACCESS RD 158 SAND ISLAND ACCESS RD.	0.61/W	Cross Gradient	HWS	SHWS listing shows arsenic, barium, cadmium, lead, petroleum hydrocarbons, and PCB found in soils above HDOH Interim Final EALs. Response ongoing and controls required to manage contamination.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S117391422 CLASSIC BOWL 1190 DILLINGHAM BLVD.	0.61/SE	Cross Gradient	HWS	Medium hazard priority: petroleum-impacted soil, groundwater, and soil gas; response ongoing; controls required to manage contamination.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S115488667 2343 NORTH KING STREET 2343 N. KING ST.	0.61/N	Upgradient	INST CONTROL, HWS	NFA restricted use with Institutional Controls for TPH-o and PCP.	Not likely to affect the environmental condition of the subject property. The site is upgradient but relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

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Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
U004251594 76 CITY SQUARE 7-11 #174 1199 DILLINGHAM BLVD.	0.62/SE	Cross Gradient	FINANCIAL ASSURANCE, HWS, LUST, UST	SHWS listing for an unreported hazard present; assessment and response are not reported; site closure and controls to manage contamination are not reported. LUST site cleanup completed in 1996 (NFA). Another release was confirmed in 2013.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
U003541752 SERVCO PACIFIC KALIHI 2101 AUIKI ST.	0.62/SW	Down Gradient	VCP, FINANCIAL ASSURANCE, HWS, UST	SHWS listing for an unreported hazard present; assessment and response are not reported; site closure and controls to manage contamination are not reported; updated 5/8/20. Three active used oil USTs present. Enrolled in VRP but cleanup completion status is not reported.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S110061244 2250 PAHOUNUI DRIVE 2250 PAHOUNUI DR.	0.62/W	Cross Gradient	HWS	SHWS listing shows arsenic, barium, cadmium, and lead in soil above HDOH Interim Final EAL; petroleum odor in soil and groundwater in the northern portion of the site near UST. Assessment ongoing and controls required to manage contamination.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
1006820220 DLNR BURIED DRUM SITE SAND ISLAND ACCESS RD.	0.63/W	Cross Gradient	INST CONTROL, HWS, SPILLS	SWHS listing shows petroleum found in soil and groundwater, Response Necessary, and Hazard Managed with Institutional Controls. HI SPILLS listing for 10 gallons of bitimuls with result not reported.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

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Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
S103290154 ROSS TRUSTS 819 MOOWAA ST.	0.63/E	Cross Gradient	VCP, HWS	Gasoline UST of unspecified volume Permanently Out of Use. Site Cleanup Completed (NFA)	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
U003541805 AMERON H C & D LTD 811 MIDDLE ST.	0.64/NW	Cross Gradient	FINANCIAL ASSURANCE, HWS, LUST, UST	SHWS listing for no hazard present with unrestricted residential use (1/6/2006). LUST Site Cleanup Complete (NFA) in 1998.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S106815670 MIDDLE STREET INTERMODAL CENTER 611 MIDDLE ST.	0.64/NW	Cross Gradient	INST CONTROL, ENG CONTROLS, HWS, SPILLS	SWHS listing shows residual contamination in soil and groundwater (TPH, metals, pesticides, PCB in soil; TPH, metals, and pesticides in groundwater above HDOH EAL). Granted NFA Restricted Use (01/05/2009) with engineering controls in place; cap and retaining wall in place along stream. HI SPILLS listing for unreported quantity of chlordane, oily substance, and a syringe. Result of SOSC NFA only for capped syringe; other results are not reported.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
1006820927 HAWAII MEAT COMPANY LTD 711 MIDDLE ST.	0.64/NW	Cross Gradient	INST CONTROL, ENG CONTROLS, HWS, SPILLS	SHWS listing shows petroleum found in soil and groundwater and one UST granted NFA restricted use. Response Not Necessary and Hazard Managed with Engineering and Institutional Controls. Engineering controls prohibit any activity that may disturb the integrity of the capping system. HI SPILLS listing for unreported quantity of bunker-C fuel with a result not reported.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
1006819624 YEE HOP PROPERTY 621 MIDDLE ST.	0.64/NW	Cross Gradient	HWS, SPILLS	SHWS listing shows Hazard Undetermined and Assessment Ongoing; presumably black oil leaching from Yee Hop property into Kailhi Stream and also possible petroleum contamination from adjacent property . HI SPILLS listing for unreported quantity of diesel fuel with result of SOSC NFA.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S126282780 KALIHI WAENA ELEMENTARY SCHOOL BUILDING EXTERIOR SOILS 1240 GULICK AVE.	0.66/NE	Upgradient	HWS	SHWS listing for an unreported hazard present; assessment and response are not reported; site closure and controls to manage contamination are not reported.	Not likely to affect the environmental condition of the subject property. The site is upgradient but relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
U001235304 LOVE'S BAKERY, LLC 911 MIDDLE ST.	0.66/N	Upgradient	AIRS, FINANCIAL ASSURANCE, HWS, LUST, UST	SHWS listing for an unreported hazard present; assessment and response are not reported; site closure and controls to manage contamination are not reported. LUST site cleanup completed in 2011 with EHMP.	Not likely to affect the environmental condition of the subject property. The site is upgradient but distant (>~1000 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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S106820561 TAKAMIYA PROPERTY 850 MOOWAA ST.	0.66/E	Cross Gradient	HWS, SPILLS	CCA wood treatment solution and a sump with metals and chlordane in soil and water	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S111677154 DOMESTIC COMMERCIAL FISHING VILLAGE 1133 N. NIMITZ HWY.	0.68/S	Down Gradient	INST CONTROL, ENG CONTROLS, HWS, SPILLS	SHWS response ongoing with controls for methane in soil gas. SPILLS listing for petroleum oil with result of SOSC NFA. Site is within boundaries of Iwilei District Area EHE-EHMP.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
U003221583 FORMER FLYNN-LEARNER PROPERTY 120 SAND ISLAND ACCESS RD.	0.68/SW	Down Gradient	VCP, INST CONTROL, ENG CONTROLS, HWS, LUST, UST	SHWS listing for hazard managed with controls. Granted NFA restricted use (7/21/2004) with institutional and engineering controls to prohibit any activity that may disturb the integrity of the capping system. LUST site cleanup completed in 2006 (NFA).	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
U003402806 MARSHALL'S SHELL SS 1029 HOUGHTAILING ST.	0.68/E	Cross Gradient	INST CONTROL, ENG CONTROLS, FINANCIAL ASSURANCE, HWS, LUST, SPILLS, UST	NFA restricted use with controls for TPH, PCE, benzene from petroleum contaminants and chlorinated solvents; LUST cleanup completed; SPILLS listings for copper, lead, petroleum hydrocarbon with result of Refer to SDAR. No NFA and Active based on SPILLS	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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U003221573 AMELCO CORPORATION 2308 PAHOUNUI DR.	0.69/W	Cross Gradient	INST CONTROL, ENG CONTROLS, HWS, LUST, UST	SHWS listing for lead and RRO in soil and lead in groundwater. Granted NFA Restricted Use (5/27/2009) with institutional and engineering controls to manage contamination. LUST site cleanup completed in 1995 (NFA).	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S110061242 2135 AUIKI ST 2135 AUIKI ST.	0.69/SW	Down Gradient	HWS	SHWS listing shows arsenic, barium, cadmium, lead, TPH diesel and oil, and PCB found in soils above HDOH Interim Final EALS. Also, PCB found in groundwater above HDOH Interim Final EAL from the northwest area of the site. Response ongoing and controls required to manage contamination.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
1006818946 MCCABE, HAMILTON, & RENNY COMPANY, LTD 1130 N. NIMITZ HWY.	0.71/SE	Cross Gradient	HWS, SPILLS	SHWS listing for subsurface petroleum in soil and groundwater with site closure type not reported, use restrictions undetermined, and controls not reported. SPILLS listings for 100 gallons of hydraulic fluid with result of "Closed Incomplete Documentation". Site is within boundaries of Iwilei District Area EHE-EHMP.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S103290180 USPS VEHICLE MAINTENANCE FACILITY 89 SAND ISLAND ACCESS RD.	0.74/SW	Down Gradient	INST CONTROL, ENG CONTROLS, UIC, HWS, SPILLS	SHWS listing shows free product remaining at capillary fringe, Response Complete (NFA Restricted Use) and Hazard Managed with Engineering and Institutional Controls. HI SPILLS listing for unreported quantity of hydraulic fluid release with result not reported.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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U003154457 1240 MOOKAULA STREET 1240 MOOKAULA ST.	0.74/E	Cross Gradient	HWS, LUST, UST	1000 Gal Gasoline UST Permanently Out of Use. Site Cleanup Completed (NFA)	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S110169103 AMERON HAWAII SAND ISLAND FACILITY 2344 PAHOUNUI DR.	0.74/W	Cross Gradient	AIRS, HWS, SPILLS	SHWS listing shows TPH-O (above Tier 1 EAL) found in groundwater sample taken from excavation pit. Also, one monitoring well north of excavation pit had TPH-O above Tier 1 EAL. Response ongoing and engineering controls not reported. HI SPILLS listing for 440 gallons of motor oil and less than 3 gallons of transformer oil with result not reported and SOSC NFA, respectively.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S107026173 KAPALAMA MILITARY RESERVATION 5 SAND ISLAND ACCESS RD.	0.75/SW	Down Gradient	INST CONTROL, HWS, SPILLS	SHWS listing for an undetermined hazard. Assessment is ongoing with institutional controls required to manage contamination. HI SPILLS lists multiple incidents: 8 gallons of motor oil released onto roadway, an unreported quantity of PCBs, 10 gallons of transformer oil, an unreported quantity of leaking oil from Pier 40 cylinder, and a 55-gallon drum of used oil. Results are refer to Harbors, SOSC NFA, refer to SDAR, SOSC NFA, and result not reported, respectively.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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U003221591 MCKESSON WINE & SPIRITS CO. 80 SAND ISLAND ACCESS RD.	0.75/SW	Down Gradient	FINANCIAL ASSURANCE, HWS, LUST, SPILLS, UST	SHWS listing for very low levels of benzo(a)pyrene and fluoranthene in groundwater. Granted NFA Unrestricted Residential Use (11/3/2003). LUST site cleanup completed (NFA) in 1998. HI SPILLS listings of unreported quantity of black roofing sealant (SOSC NFA) and unreported quantity of oil (SOSC NFA).	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S108008765 CITIZENS ENERGY SERVICES PIER 38 NIMITZ HWY.	0.75/S	Down Gradient	INST CONTROL, ENG CONTROLS, HWS, SPILLS	SHWS response ongoing with controls for methane in soil gas and metals and PAHs in soil. SPILLS listings for SSR Ultra Coolant with result of SOSC NFA. SPILLS listings of unreported substances with result of either SOSC NFA or unreported. SPILLS listing for <1oz sheen with result of SOSC NFA. Site has site-specific LUCs and is within boundaries of Iwilei District Area	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S121406149 KAPALAMA INCINERATOR OFF-SITE CONTAMINATION 757 KOKEA ST.	0.75/SE	Cross Gradient	INST CONTROL, HWS	NFA restricted use with controls for lead in soil	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S121406150 KAPALAMA INCINERATOR 757 KOKEA ST.	0.75/SE	Cross Gradient	HWS	NFA unrestricted residential use following completed response for lead in soil.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

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Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
1004464945 FERN ELEMENTARY SCHOOL 1121 MIDDLE ST.	0.76/N	Upgradient	FTTS, HIST FTTS, HWS, SPILLS	SHWS listing for an unreported hazard present; assessment and response are not reported; site closure and controls to manage contamination are not reported. SPILLS listings for an unreported quantity of malathion released in 1999. The release was granted SOSC NFA. An FTTS Asbestos Hazard Emergency Response Act neutral scheme inspection occurred in 1991. No violations reported from the inspection.	Not likely to affect the environmental condition of the subject property. The site is upgradient but relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S121405856 CHEVRON KAPALAMA NORTHEAST PARCEL 1105 N. NIMITZ HWY.	0.78/SE	Cross Gradient	HWS	SHWS response ongoing with controls required for subsurface petroleum contamination in soil and groundwater. Site is within boundaries of Iwilei District Area EHE-EHMP.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S121405857 CHEVRON KAPALAMA NORTHWEST PARCEL 1105 N. NIMITZ HWY.	0.78/SE	Cross Gradient	HWS	SHWS response ongoing with controls required for subsurface petroleum contamination. Additional assessment for petroleum products underway. Ongoing groundwater monitoring. No contaminants in groundwater above EALs in 2008. Site is within boundaries of Iwilei District Area EHE-EHMP.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

Complete Listing of CER Records within AMSD for Subject Property**TMK: 1-2-003-012*****Phase I Environmental Site Assessment for the HART City Center Section***

Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
S121405858 CHEVRON KAPALAMA SOUTHWEST PARCEL 1105 N. NIMITZ HWY.	0.78/SE	Cross Gradient	INST CONTROL, HWS	SHWS NFA restricted to industrial use only due to petroleum in soil and groundwater. Controls required to manage contamination. Site has site-specific LUCs and is within boundaries of Iwilei District Area EHE-EHMP.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S121405859 CHEVRON KAPALAMA TERMINAL 1105 N. NIMITZ HWY.	0.78/SE	Cross Gradient	HWS	SHWS response ongoing with controls required for subsurface petroleum contamination. Site is within boundaries of Iwilei District Area EHE-EHMP.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S123106537 938 KOHOU STREET 938 KOHOU ST.	0.80/E	Cross Gradient	HWS	SHWS listing for TPH found in soil and groundwater. Assessment is ongoing and controls are required to manage contamination.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S107022702 HAITSUKA BROTHERS LTD 50 SAND ISLAND ACCESS RD.	0.80/SW	Down Gradient	HWS, SPILLS	Two SHWS listings for unreported hazards present; assessment and response are not reported; site closure and controls to manage contamination are not reported; updated 11/21/19 and 7/9/20. SPILLS listing is for a diesel fuel release; case assignment in 2005.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

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S108008831 NIMITZ HIGHWAY RELIEF SEWER 1031 NORTH NIMITZ HWY.	0.80/SE	Cross Gradient	HWS, SPILLS	SHWS listing for an unreported hazard present; assessment and response are not reported; site closure and controls to manage contamination are not reported. SPILLS listing for an unreported quantity of petroleum hydrocarbons contaminating groundwater from the Wastewater Pump Station. Release granted with SOSC NFA.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
1006820832 JBL HAWAII, LTD 905 KOKEA ST.	0.80/E	Cross Gradient	INST CONTROL, ENG CONTROLS, HWS	NFA restricted use with engineering controls to manage petroleum impacted soils by prohibiting any activity that may disturb the integrity of the capping system.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
1006820922 GTE-HAWAIIAN TEL EMPLOYEES FEDERAL CREDIT UNION (HTEFCU) 1138 N. KING ST.	0.80/E	Cross Gradient	INST CONTROL, ENG CONTROLS, HWS	NFA restricted use with engineering controls required to prohibit any activity that may disturb the integrity of the capping. Lack of data but possible PAHs, chlorinated solvents, PCBs. Capped by building. Engineering and land use controls in place.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S108008801 FORT SHAFTER BOLLARD 1557 PASS ST.	0.80/NW	Cross Gradient	HWS, SPILLS	SHWS listing for an unreported hazard present; assessment and response are not reported; site closure and controls to manage contamination are not reported; updated 4/9/20. HI SPILLS listing for 20 gal hydraulic oil release; assignment date 26/9/06. Closure not reported.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

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S126282571 HAWAII HOCHI 917 KOKEA ST.	0.81/E	Cross Gradient	HWS	SHWS listing for an unreported hazard present; assessment and response are not reported; site closure and controls to manage contamination are not reported.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S108008729 BEST BUY ALAKAWA ST. & NIMITZ HWY.	0.81/SE	Cross Gradient	HWS, SPILLS	SHWS listing with NFA unrestricted residential use. SPILLS listings for petroleum that have Result of "Refer to Initial Site Screening Team (ISST)". Site is within boundaries of Iwilei District Area EHE-EHMP.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S126282905 LINAPUNI ELEMENTARY SCHOOL BUILDING EXTERIOR SOILS 1434 LINAPUNI ST.	0.81/N	Upgradient	HWS	SHWS listing for an unreported hazard present; assessment and response are not reported; site closure and controls to manage contamination are not reported.	Not likely to affect the environmental condition of the subject property. The site is upgradient but relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S115488710 KUHIO PARK TERRACE COMMUNITY CENTER 1475 LINAPUNI ST.	0.83/N	Upgradient	INST CONTROL, ENG CONTROLS, HWS	NFA restricted use with Engineering Controls for lead above EALs under building and asphalt.	Not likely to affect the environmental condition of the subject property. The site is upgradient but relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

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Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
S12131198 COSTCO GAS STATION 500 ALAKAWA ST.	0.83/SE	Cross Gradient	VCP, INST CONTROL, ENG CONTROLS, LEAD, HWS	SHWS listing indicates TPH-D, TPH-O, BTEX, PAHs, and free product found in soil, groundwater, and soil vapor. Granted a Letter of Completion - Restricted Use (10/23/2006) with institutional and engineering controls required to manage to contamination.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S106817210 GTE HAWAIIAN TEL - CONTAMINATED SOIL ALAKAWA ST. & NIMITZ HWY.	0.84/SE	Cross Gradient	INST CONTROL, ENG CONTROLS, HWS, SPILLS	NFA restricted use with Engineering Controls Required for petroleum contaminated soil. SPILLS listings for petroleum contaminated soil with Results of Refer to ISST. Site is within boundaries of Iwilei District Area EHE-EHMP.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S109096031 THEO DAVIES CATERPILLAR REPAIR SITE 935 DILLINGHAM BLVD.	0.85/SE	Cross Gradient	INST CONTROL, ENG CONTROLS, HWS	NFA restricted use with Engineering and Institutional Controls (wind turbines) for gasoline and soil vapor.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S111677228 HFFC SAND ISLAND OIL/WATER DRAIN LINE 8 SAND ISLAND ACCESS RD.	0.85/SW	Down Gradient	HWS, SPILLS	Two SHWS listings for unreported hazards present; assessment and response are not reported; site closure and controls to manage contamination are not reported; updated 6/18/20. SPILLS listing for unreported quantities of jet fuel; result of 'Refer to SDAR'.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

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Property ENVID/Name/Address	Distance (Miles)/ Direction	Hydraulic Direction Relative to Subject Property	Database	Regulatory Status	Likelihood to Affect Subject Property
1006820629 HONOLULU COMMUNITY COLLEGE GAS STATION 874 DILLINGHAM BLVD.	0.86/SE	Cross Gradient	HWS	NFA unrestricted residential use following completed response for petroleum in soil.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
1006819934 OWNED BY CCI, LEASED SPRINT 925 DILLINGHAM BLVD.	0.88/SE	Cross Gradient	VCP, INST CONTROL, ENG CONTROLS, HWS, FINDS	SHWS Letter of Completion - Restricted Use with Engineering Controls Required for diesel free product in soil, groundwater, and soil vapor. Response Complete. Within boundaries of Iwilei District Programmatic EHMP and site-specific EHMP/LUC associated with Sprint Lot.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S105887731 HOME DEPOT 421 ALAKAWA ST.	0.90/SE	Cross Gradient	INST CONTROL, ENG CONTROLS, HWS	SHWS listing with Closure Type of "Letter of Completion - Restricted Use". Engineering controls required to prohibit any activity that may disturb the integrity of the monitoring system. Residual contamination includes methane, BTEX, PAHs, and TPH in soil and groundwater.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S108009193 HFFC SAND ISLAND 6 SAND ISLAND ACCESS RD.	0.90/SW	Down Gradient	HWS, SPILLS	SHWS listing for an undetermined hazard. Assessment is ongoing with undetermined use restrictions. HI SPILLS listing for a jet fuel leak from Tank 2. EDR reports result of "Refer to SDAR."	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

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S121405860 CHEVRON PIER 35 PIPELINE RELEASE 965 N. NIMITZ HWY.	0.91/SE	Cross Gradient	ENG CONTROLS, HWS	SHWS response ongoing with controls required for subsurface petroleum contamination in soil. Site is within boundaries of Iwilei District Area EHE-EHMP.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S121406052 HAWAII STEVEDORES 965 N. NIMITZ HWY.	0.91/SE	Cross Gradient	HWS	SHWS response ongoing with controls required for subsurface petroleum contamination in soil and groundwater. Site is within boundaries of Iwilei District Area EHE-EHMP.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S109953490 HONOLULU MARINE SMALL BOAT SHIPYARD AT KEEHI LAGOON 4 SAND ISLAND ACCESS RD.	0.92/SW	Down Gradient	UIC, HWS	SHWS listing for arsenic in soil and suspected TPH-D in soil. Assessment is ongoing but controls are required to managed contamination.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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S117391805 HONOLULU MARINE SAND ISLAND SAND ISLAND ACCESS RD.	0.92/SW	Down Gradient	INST CONTROL, HWS, SPILLS	SHWS listing for an undetermined hazard. Assessment is ongoing with institutional controls required to manage contamination. HI SPILLS lists multiple incidents; 3,000 gallons of diesel fuel released, 3,400 gallons of jet fuel released, 3 gallons of oil released, 30 gallons of diesel and water, and 20 gallons of unreported substance from water trenches. Results for all releases are to refer to SDAR, except the 30 gallons of diesel-water mix, which resulted in SOSC NFA.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
U003154454 CHEVRON HONOLULU TRANSPORTATION TERMINAL 933 N. NIMITZ HWY.	0.94/SE	Cross Gradient	ENG CONTROLS, HWS	SHWS response ongoing with controls for TPH. Site has site-specific LUCs and is within boundaries of Iwilei District Area EHE-EHMP.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
1007273094 CHEVRON USA - HNL DISTRIBUTION C 933 N. NIMITZ HWY.	0.94/SE	Cross Gradient	AIRS, FINANCIAL ASSURANCE, HWS, SPILLS	SPILLS SOSC NFA.<1 gallon diesel fuel released. Site is within boundaries of Iwilei District Area	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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1006820024 CHANG-CHOW PROPERTY NORTH SCHOOL STREET UST CLOSURE 2161 N. SCHOOL ST.	0.94/NE	Upgradient	HWS	NFA unrestricted residential use 11/30/2004; residual contamination: diesel contamination soil/groundwater	Not likely to affect the environmental condition of the subject property. The site is upgradient but relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S108008497 COSTCO IWILEI 525 ALAKAWA ST.	0.94/SE	Cross Gradient	VCP, INST CONTROL, ENG CONTROLS, HWS	SHWS listing for an unreported hazard present; assessment and response are not reported; site closure is not reported. Engineering and institutional controls are required to manage contamination.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S106820592 TESORO HAWAII CORPORATION, TERMINAL DEPARTMENT-SAND ISLAND 2 SAND ISLAND ACCESS RD.	0.95/SW	Down Gradient	AIRS, HWS, SPILLS	SHWS listing for petroleum in soil and groundwater. Assessment is ongoing and controls are required to manage contamination. HI SPILLS listing for multiple incidents; an unreported quantity of oil leaked with result of "Closed Incomplete Documentation" and 5,000 gallons of gasoline from a tank farm line valve failure with result of SOSC NFA, and an unreported quantity of petroleum-product in monitoring well with result not reported.	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~250 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.

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S126282810 KAPALAMA ELEMENTARY SCHOOL BUILDING EXTERIOR SOILS 1601 N SCHOOL ST.	0.96/NE	Upgradient	HWS	SHWS listing for an unreported hazard present; assessment and response are not reported; site closure and controls to manage contamination are not reported.	Not likely to affect the environmental condition of the subject property. The site is upgradient but relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S106820725 KAPALAMA CONTAINER TERMINAL YARD 1 SAND ISLAND ACCESS RD.	0.96/SW	Down Gradient	HWS, LUST, SPILLS	SHWS unrestricted residential in 2004 use following completed response for oil/diesel range organics, PCB aroclors 1260 below Tier 1 action levels. LUST "confirmed release" in 2018 with no reported results. HI SPILLS listings for 20 gallons lubricating oil (SOSC NFA), 2 gallons oil (SOSC NFA).	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
1006819035 OCEANIC CABLEVISION 2669 KILIHAU ST.	0.97/NW	Cross Gradient	HWS, SPILLS	SHWS listing shows No Hazard, Response Complete with NFA unrestricted residential use 12/14/2004; residual contamination: petroleum contaminated soil. Three USTs removed in 1981 (NFA). HI SPILLS listing for unreported quantity of benzene, ethylbenzene, gasoline, and toluene with result of SOSC NFA for all releases.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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S106821137 WEYERHAEUSER 900 N. NIMITZ HWY.	0.97/SE	Cross Gradient	INST CONTROL, AIRS, ENG CONTROLS, HWS, SPILLS	SHWS response ongoing with Engineering Controls and an EHMP in place for subsurface petroleum in soil and groundwater. Site closure not reported. SPILLS listings for 4 gallon antifreeze spill (SOSC NFA), unreported quantity of diesel fuel (SOSC NFA), and etroleum and creosote soaked railroad ties (SOSC NFA). Site is within boundaries of Iwilei District Area EHE-EHMP.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, low mobility of contaminant reported or assumed based on available records.
S110277531 BHP GASCO BENZENE SITE 616 IWILEI RD.	0.99/SE	Cross Gradient	INST CONTROL, AIRS, HWS, SPILLS	SHWS Lisiting with RAM LUC for benzene. Controls required to prohibit any activity that may disturb the integrity of the monitoring system. Several SPILLS listing for hydrogen peroxide and methane with results not reported or closed due to incomplete documentation. Site has site-specific LUCs and is within boundaries of Iwilei District Area EHE-EHMP.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.
S106820344 SEA-LAND SERVICE SAND ISLAND ACCESS RD.	0.99/S	Down Gradient	HWS, SPILLS	SHWS listing for an unreported hazard present; assessment and response are not reported; site closure and controls to manage contamination are not reported. Multiple SPILLS listings for an unreported quantity of diesel and oil fuel spills. EDR does not specify media affected. EDR reports result as "Closed Incomplete Documentation."	Not likely to affect the environmental condition of the subject property. The site is downgradient and relatively distant (>~500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.

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U003154504 AIM SCHOOL STREET 1403 N. SCHOOL ST.	1.00/E	Cross Gradient	FINANCIAL ASSURANCE, HWS, LUST	SHWS listing for an unreported hazard present; assessment and response are not reported; site closure and controls to manage contamination are not reported. LUST in active remediation as of 2004.	Not likely to affect the environmental condition of the subject property. The site is crossgradient and relatively distant (>-500 feet). Release to groundwater reported or assumed based on available records. Also, moderate or high mobility of contaminant reported or assumed based on available records.